

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102820\
 Data File : VX019158.D
 Acq On : 28 Oct 2020 12:15
 Operator : JC/MD
 Sample : VX1028WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2020 9:45:35 AM

Quant Time: Oct 29 02:14:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	288796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	475573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209049	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	183445	49.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.52%	
35) Dibromofluoromethane	5.46	113	147405	49.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.68%	
50) Toluene-d8	8.70	98	568726	50.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.12	95	210516	49.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	46396	19.271	ug/l	100
3) Chloromethane	1.31	50	51484	19.141	ug/l	99
4) Vinyl Chloride	1.39	62	59988	19.231	ug/l	98
5) Bromomethane	1.64	94	44591	20.932	ug/l	99
6) Chloroethane	1.72	64	39337	19.751	ug/l	98
7) Trichlorofluoromethane	1.92	101	97098	19.814	ug/l	98
8) Diethyl Ether	2.17	74	37688	20.038	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	53405	19.661	ug/l	100
10) Methyl Iodide	2.49	142	58468	22.288	ug/l	100
11) Tert butyl alcohol	3.03	59	68050	92.507	ug/l	100
12) 1,1-Dichloroethene	2.36	96	52980	18.928	ug/l	99
13) Acrolein	2.27	56	27352	86.932	ug/l	97
14) Allyl chloride	2.70	41	82700	19.507	ug/l	99
15) Acrylonitrile	3.11	53	147866	95.657	ug/l	100
16) Acetone	2.43	43	126173	98.201	ug/l	98
17) Carbon Disulfide	2.55	76	144299	18.571	ug/l	99
18) Methyl Acetate	2.75	43	59434	19.023	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	188015	19.386	ug/l	97
20) Methylene Chloride	2.83	84	61167	18.963	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	59643	18.514	ug/l	98
22) Diisopropyl ether	3.82	45	171218	20.257	ug/l	93
23) Vinyl Acetate	3.78	43	756034	100.306	ug/l	99
24) 1,1-Dichloroethane	3.67	63	104618	19.825	ug/l	99
25) 2-Butanone	4.64	43	195462	96.528	ug/l	99
26) 2,2-Dichloropropane	4.55	77	97097	19.572	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	68858	19.128	ug/l	98
28) Bromochloromethane	4.98	49	49655	20.698	ug/l	96
29) Tetrahydrofuran	5.09	42	124505	97.567	ug/l	99
30) Chloroform	5.17	83	110601	19.690	ug/l	99
31) Cyclohexane	5.54	56	92428	19.633	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	99786	19.594	ug/l	99
36) 1,1-Dichloropropene	5.76	75	84346	19.206	ug/l	99
37) Ethyl Acetate	4.79	43	76742	18.821	ug/l	99
38) Carbon Tetrachloride	5.74	117	85732	19.152	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	101755	19.378	ug/l	98
40) Benzene	6.11	78	243244	19.535	ug/l	98
41) Methacrylonitrile	4.99	41	42768	19.477	ug/l	98
42) 1,2-Dichloroethane	6.15	62	90385	19.696	ug/l	100
43) Isopropyl Acetate	6.40	43	131702	19.290	ug/l	100
44) Trichloroethene	7.18	130	68319	19.158	ug/l	94
45) 1,2-Dichloropropane	7.48	63	60104	19.708	ug/l	97
46) Dibromomethane	7.63	93	42811	18.983	ug/l	100
47) Bromodichloromethane	7.87	83	86499	19.459	ug/l	98
48) Methyl methacrylate	7.74	41	62988	19.168	ug/l	99
49) 1,4-Dioxane	7.74	88	28209	386.007	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	390106	99.414	ug/l	100
52) Toluene	8.76	92	157548	19.646	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	94396	18.592	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	102005	19.106	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	61409	19.380	ug/l	97
56) Ethyl methacrylate	9.16	69	92535	19.334	ug/l	97
57) 1,3-Dichloropropane	9.35	76	104883	19.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	257128	96.063	ug/l	98
59) 2-Hexanone	9.47	43	297169	99.487	ug/l	99
60) Dibromochloromethane	9.56	129	66438	19.320	ug/l	99
61) 1,2-Dibromoethane	9.65	107	64736	19.105	ug/l	100
64) Tetrachloroethene	9.32	164	63771	19.435	ug/l	98
65) Chlorobenzene	10.12	112	164303	18.666	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	61260	19.332	ug/l	99
67) Ethyl Benzene	10.23	91	301242	19.206	ug/l	97
68) m/p-Xylenes	10.34	106	226522	38.480	ug/l	99
69) o-Xylene	10.68	106	108838	19.492	ug/l	97
70) Styrene	10.70	104	179812	18.874	ug/l	100
71) Bromoform	10.84	173	44897	17.870	ug/l #	99
73) Isopropylbenzene	11.00	105	294453	19.899	ug/l	99
74) N-amyl acetate	10.88	43	106504	19.685	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	90846	19.644	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	86548m	20.051	ug/l	
77) Bromobenzene	11.24	156	69889	19.030	ug/l	96
78) n-propylbenzene	11.34	91	334189	19.784	ug/l	100
79) 2-Chlorotoluene	11.40	91	196004	19.709	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	247267	19.780	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	29256	17.846	ug/l	98
82) 4-Chlorotoluene	11.49	91	232901	19.178	ug/l	98
83) tert-Butylbenzene	11.76	119	239140	19.979	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	248214	19.668	ug/l	99
85) sec-Butylbenzene	11.93	105	287224	20.007	ug/l	99
86) p-Isopropyltoluene	12.05	119	263278	19.869	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	127926	18.704	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	129439	18.181	ug/l	97
89) n-Butylbenzene	12.37	91	237541	19.072	ug/l	99
90) Hexachloroethane	12.58	117	42954	19.072	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	122694	18.683	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21364	18.871	ug/l	94

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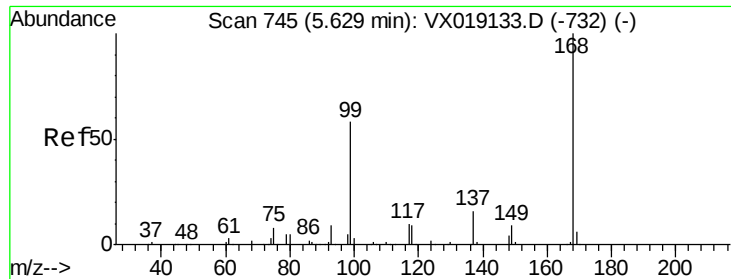
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84295	17.088	ug/l	97
94) Hexachlorobutadiene	13.76	225	37859	17.435	ug/l	98
95) Naphthalene	13.82	128	272320	17.528	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	82498	17.239	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion:168 Resp: 288796

Ion Ratio Lower Upper

168 100

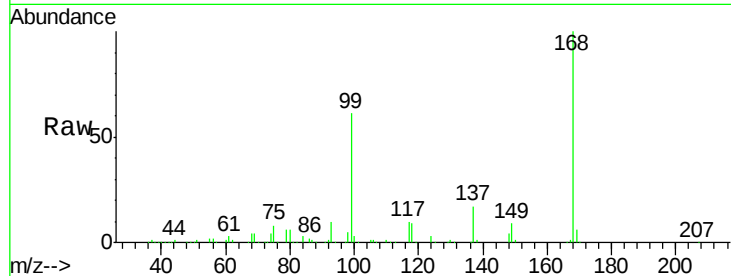
99 61.1 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

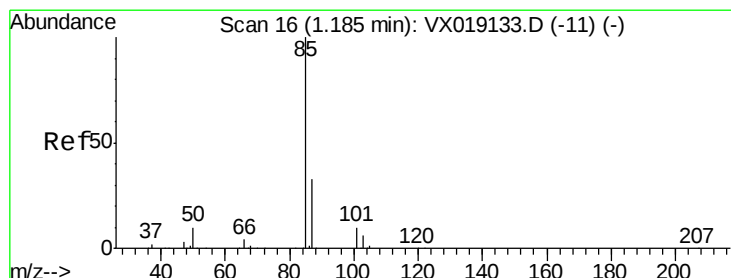
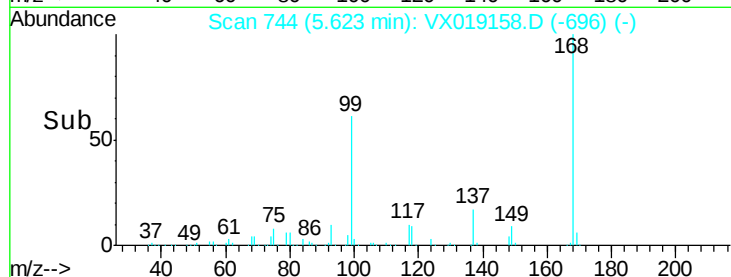
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.271 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019158.D

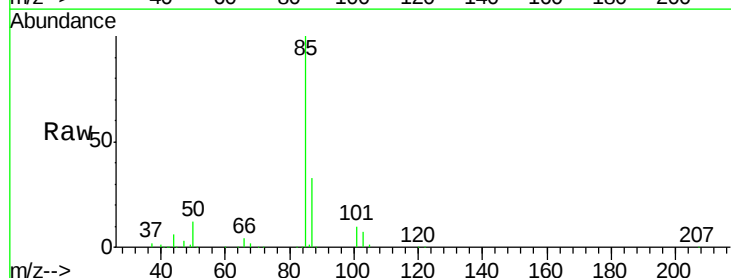
Acq: 28 Oct 2020 12:15

Tgt Ion: 85 Resp: 46396

Ion Ratio Lower Upper

85 100

87 32.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

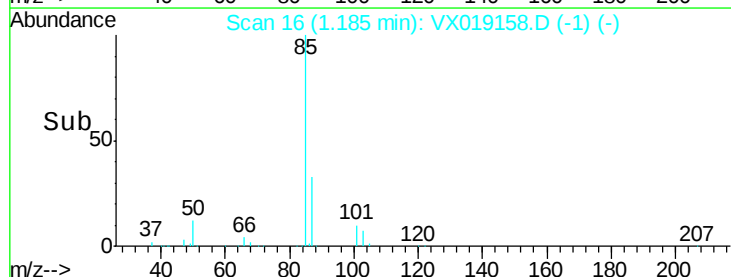
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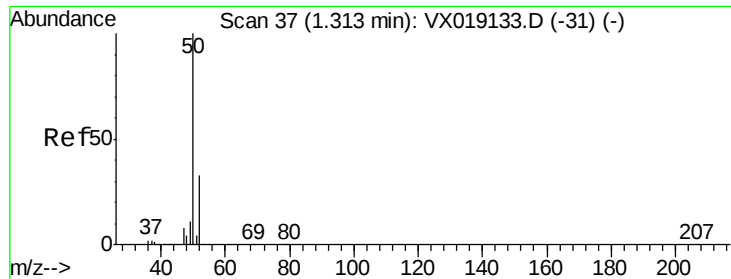
20000

10000

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Time-->





#3

Chloromethane

Concen: 19.141 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 50 Resp: 51484

Ion Ratio Lower Upper

50 100

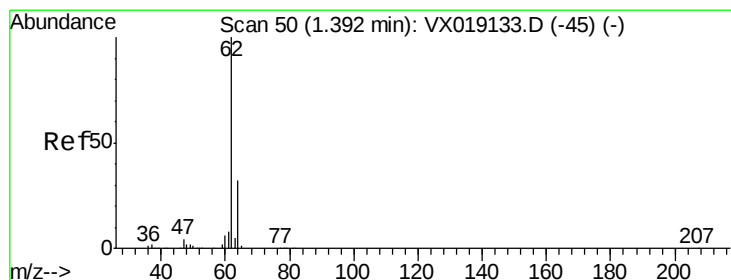
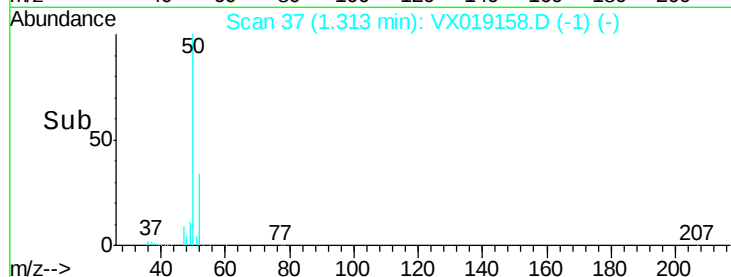
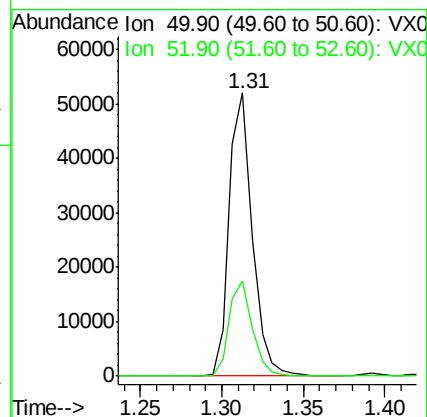
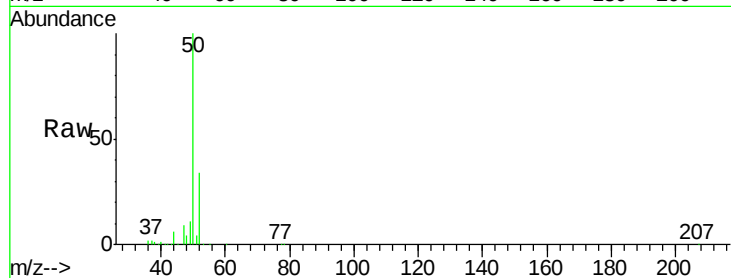
52 33.8 26.8 40.2

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10/29/2020 9:45:35 AM



#4

Vinyl Chloride

Concen: 19.231 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019158.D

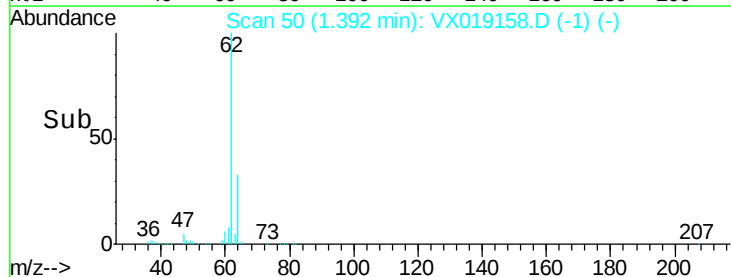
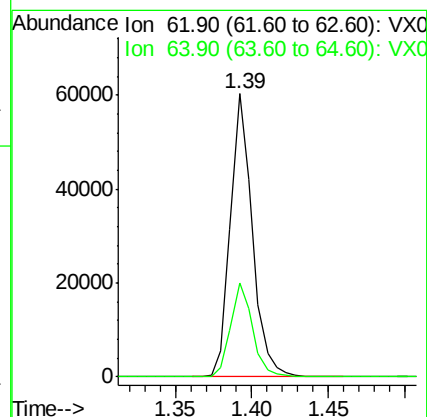
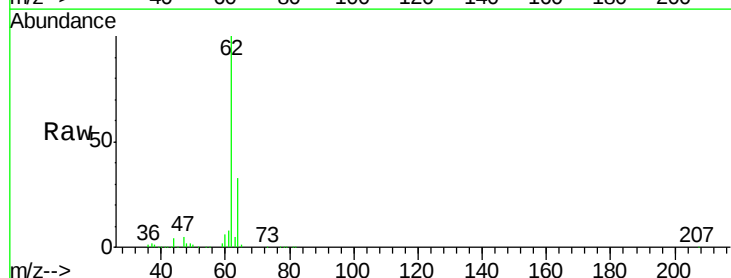
Acq: 28 Oct 2020 12:15

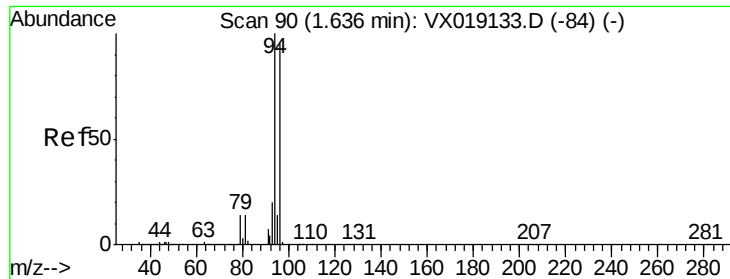
Tgt Ion: 62 Resp: 59988

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.0





#5

Bromomethane

Concen: 20.932 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

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ClientSampleId :

VX1028WBS01

Tot Ion: 94 Resp: 44591

Ion Ratio Lower Upper

94 100

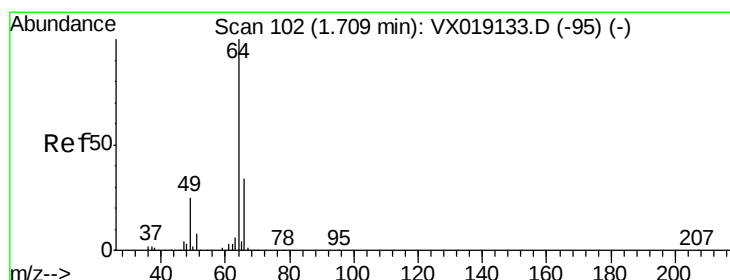
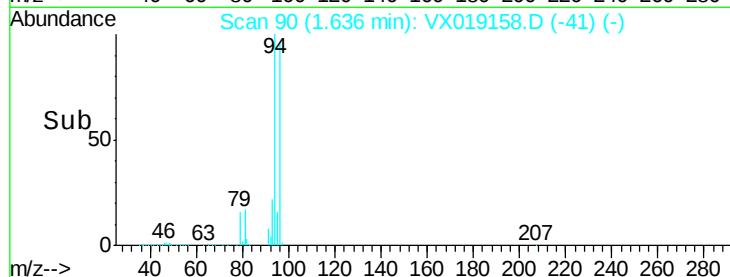
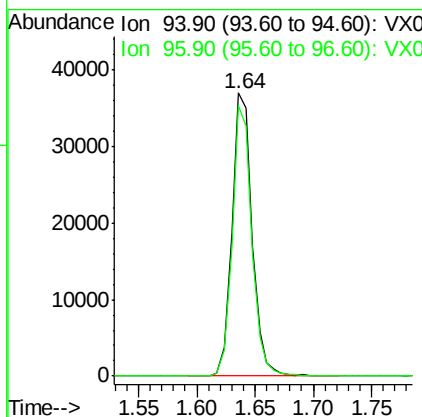
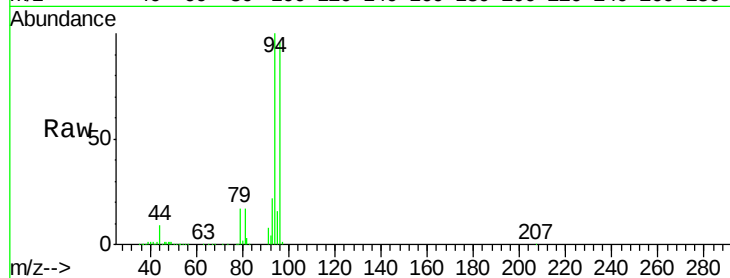
96 95.6 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 19.751 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019158.D

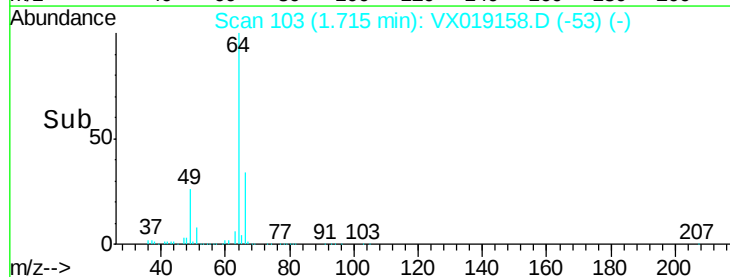
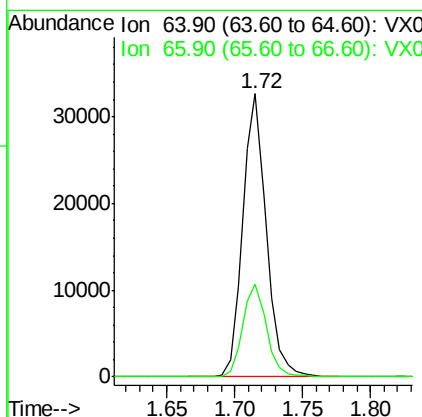
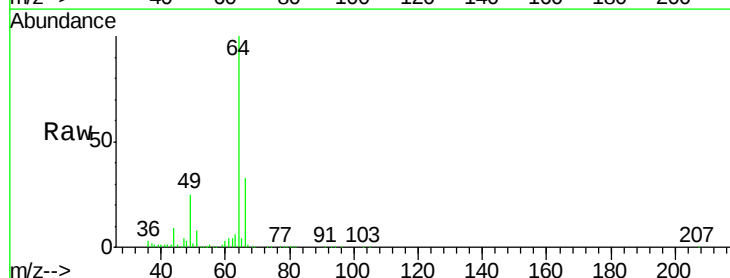
Acq: 28 Oct 2020 12:15

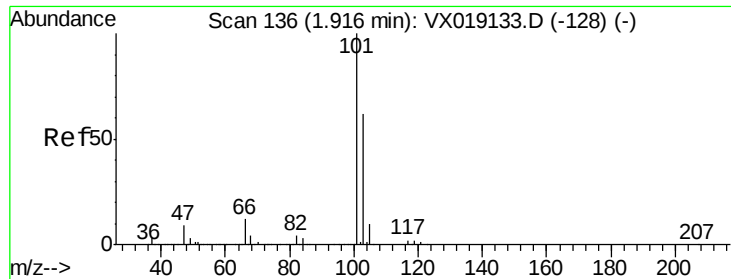
Tgt Ion: 64 Resp: 39337

Ion Ratio Lower Upper

64 100

66 32.7 27.1 40.7





#7

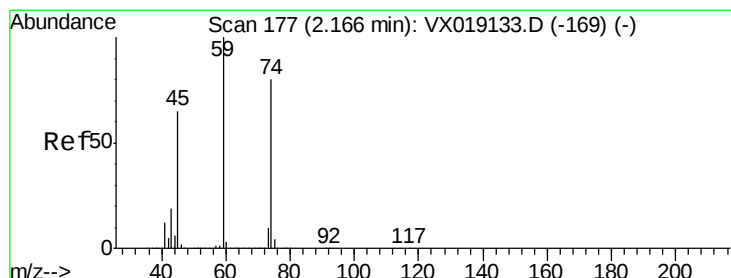
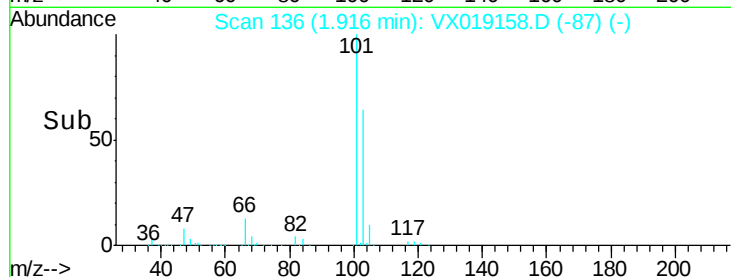
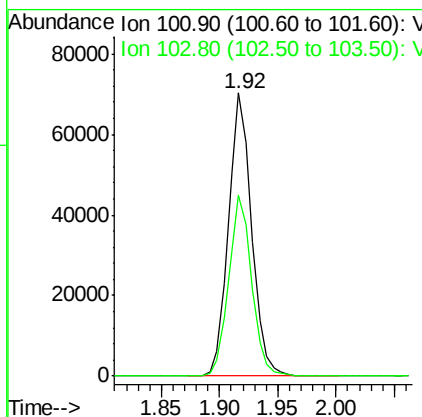
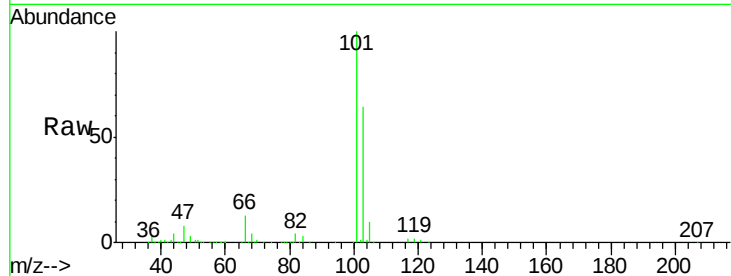
Trichlorofluoromethane
Concen: 19.814 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

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ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.0	75.0

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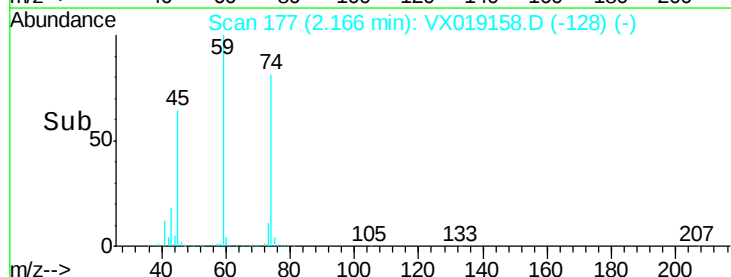
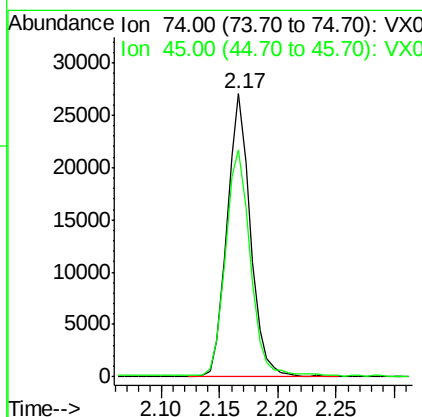
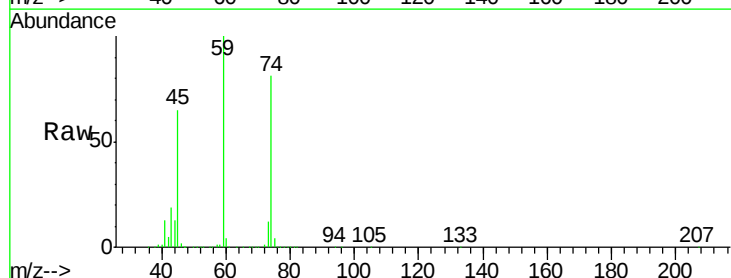
MMDadoda
10/29/2020 9:45:35 AM

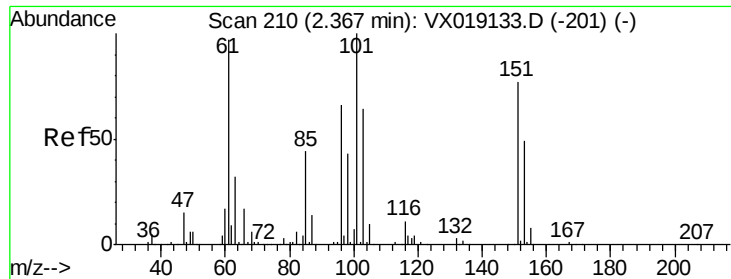


#8

Diethyl Ether
Concen: 20.038 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.8	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.661 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

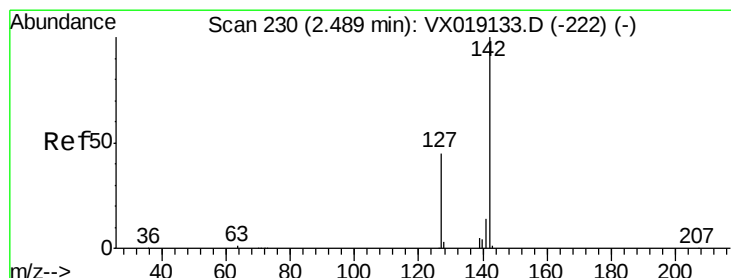
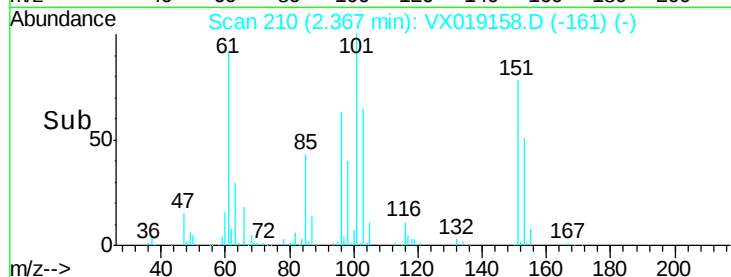
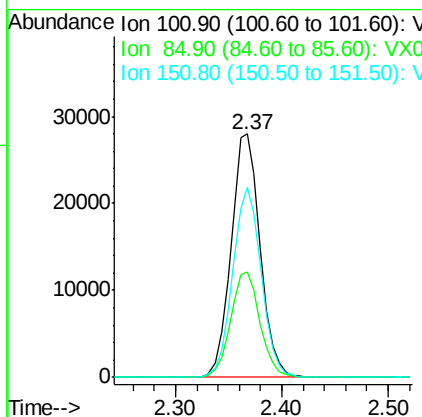
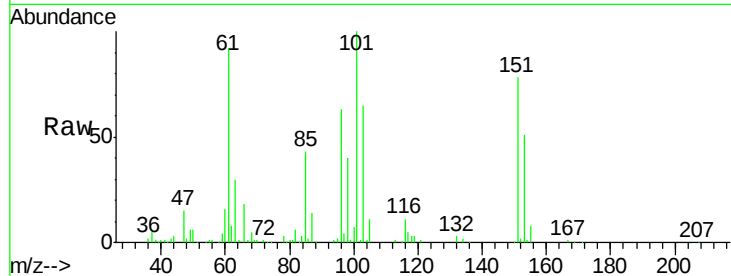
ClientSampleId :

VX1028WBS01

Tot Ion:	101	Resp:	53405
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.0	52.4
151	77.3	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 22.288 ug/l

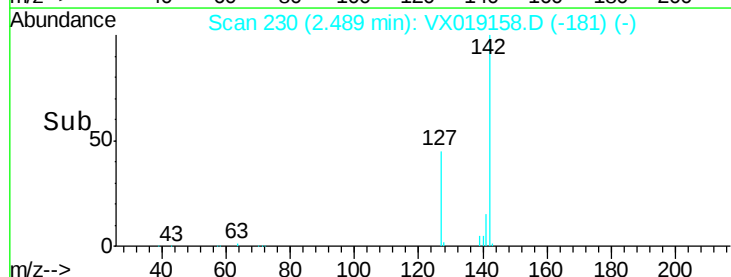
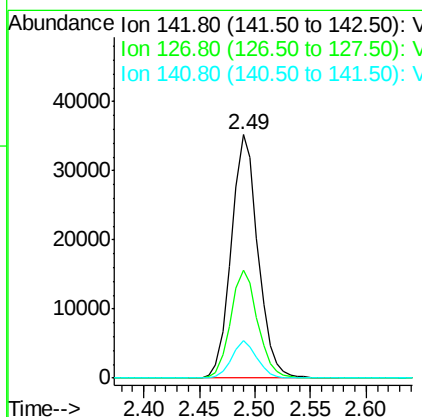
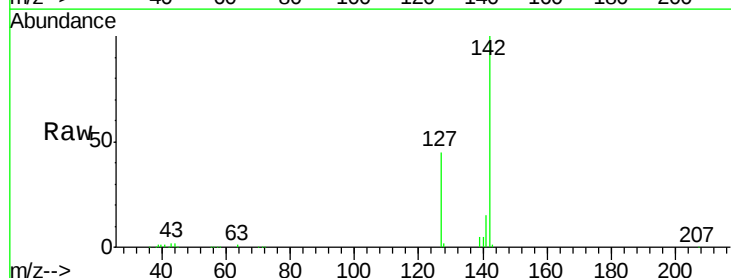
RT: 2.49 min Scan# 230

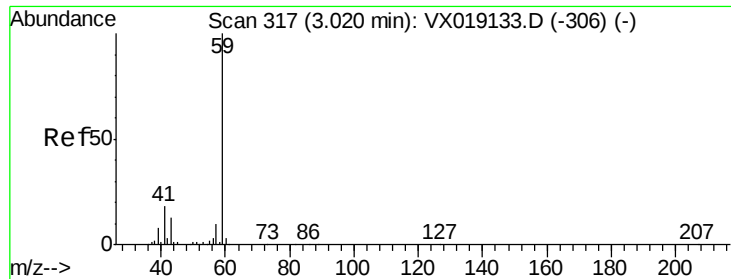
Delta R.T. 0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Tgt Ion:	142	Resp:	58468
Ion Ratio	Lower	Upper	
142	100		
127	44.9	36.1	54.1
141	14.5	11.3	16.9





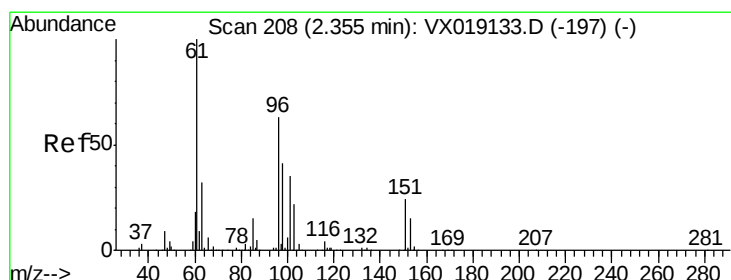
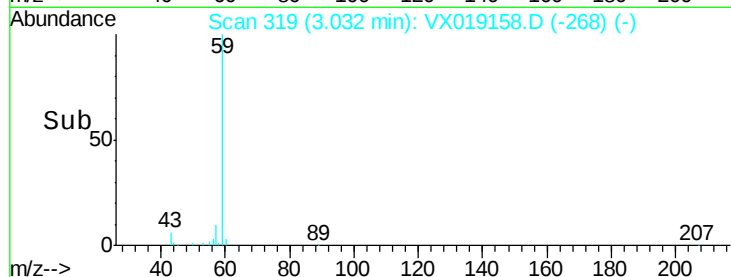
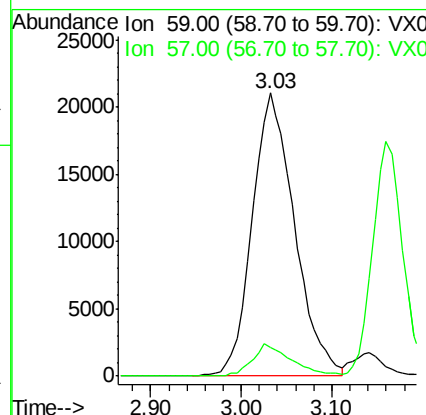
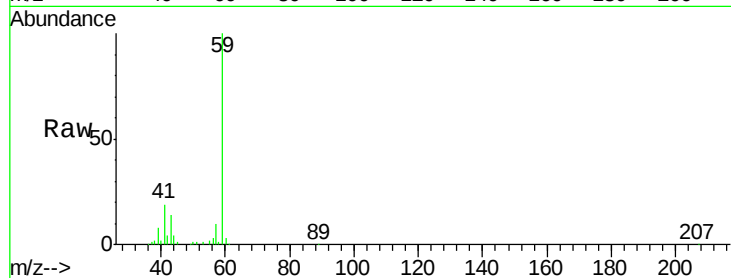
#11
Tert butyl alcohol
Concen: 92.507 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	68050		
57	10.4		8.4	12.6

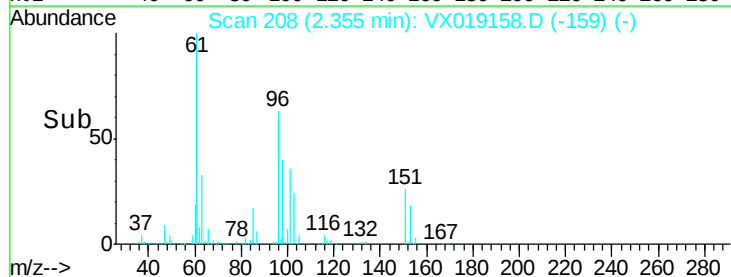
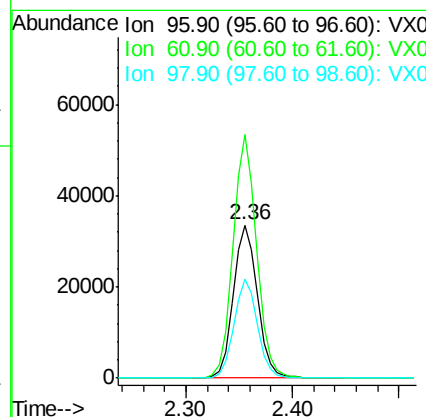
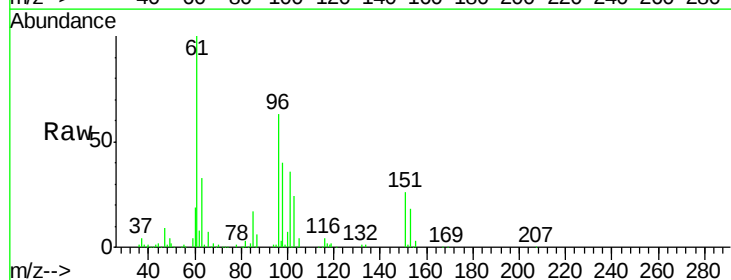
Manual Integrations
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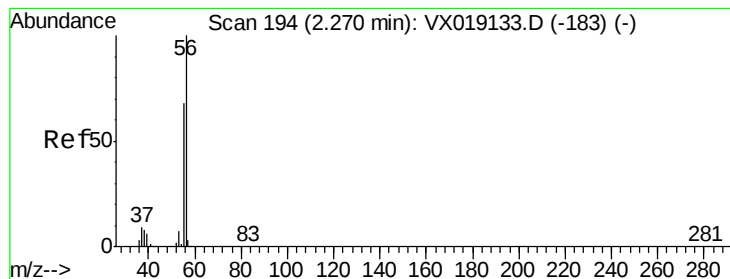
MMDadoda
10/29/2020 9:45:35 AM



#12
1,1-Dichloroethene
Concen: 18.928 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	52980		
61	159.1		127.7	191.5
98	64.4		52.1	78.1





#13

Acrolein

Concen: 86.932 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 56 Resp: 27352

Ion Ratio Lower Upper

56 100

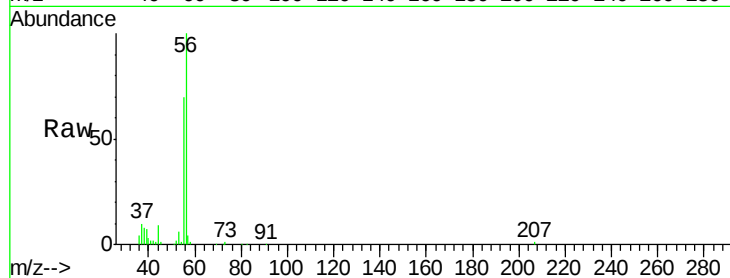
55 70.8 54.7 82.1

Manual Integrations

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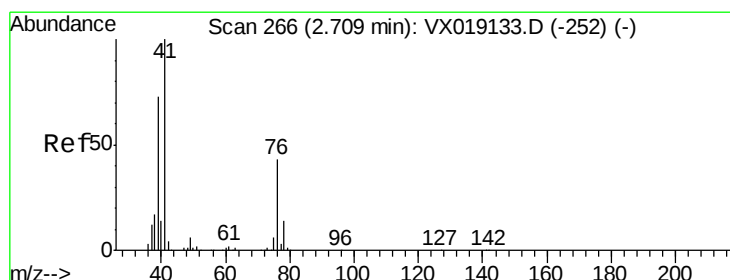
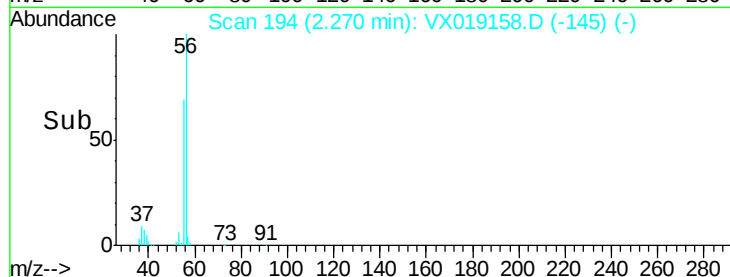
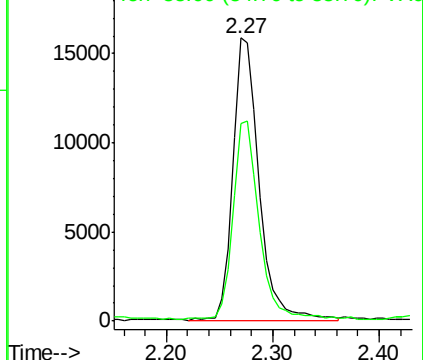
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.507 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

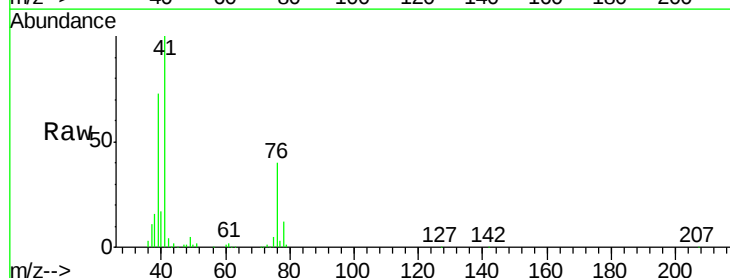
Tgt Ion: 41 Resp: 82700

Ion Ratio Lower Upper

41 100

39 69.0 55.2 82.8

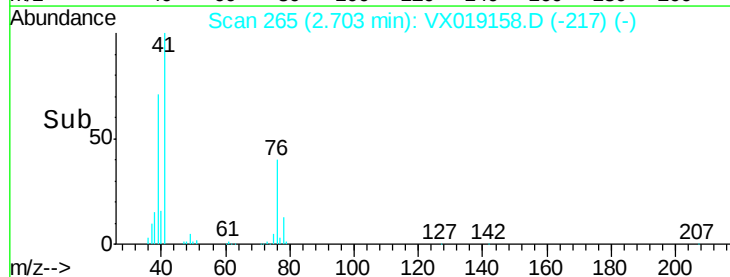
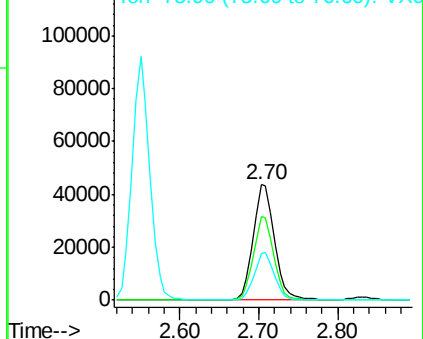
76 38.5 31.5 47.3

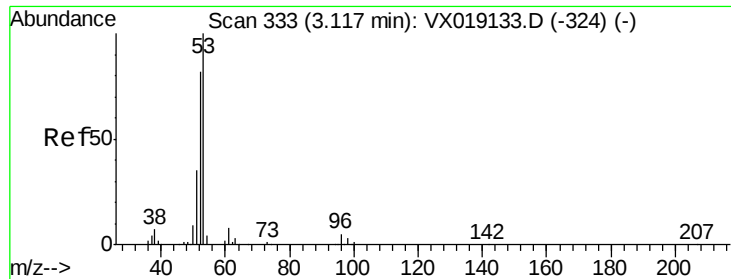


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 95.657 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

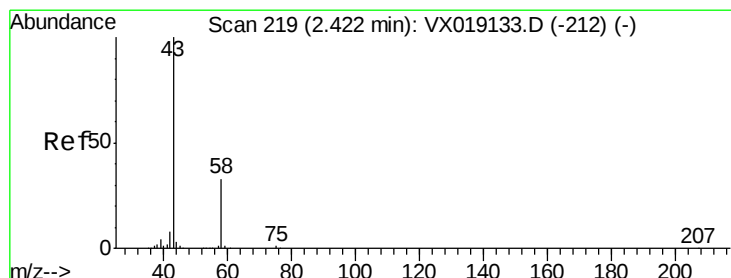
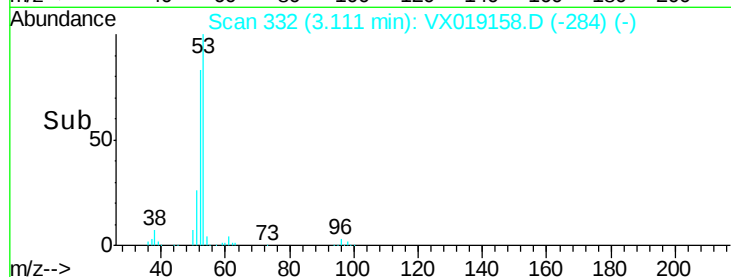
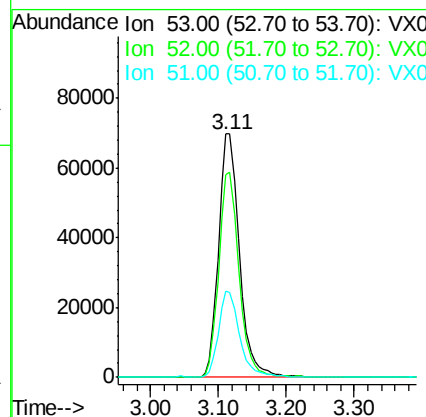
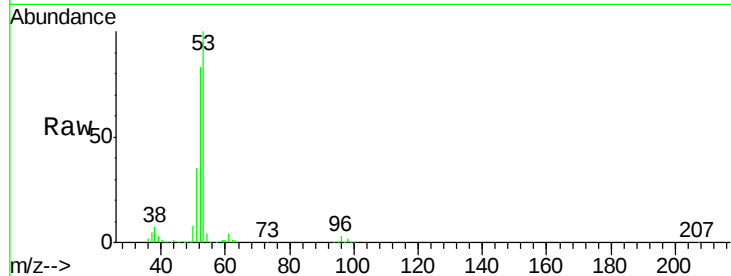
ClientSampleId :

VX1028WBS01

Tot Ion:	53	Resp:	147866
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.7	98.5
51	35.8	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 98.201 ug/l

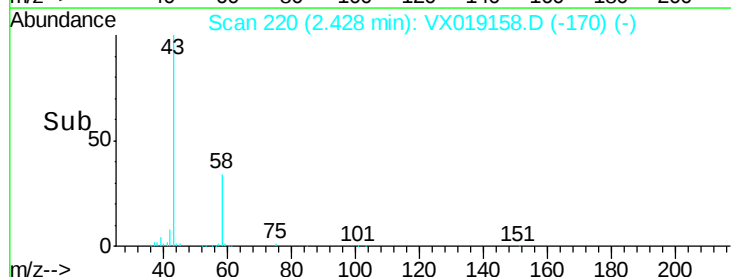
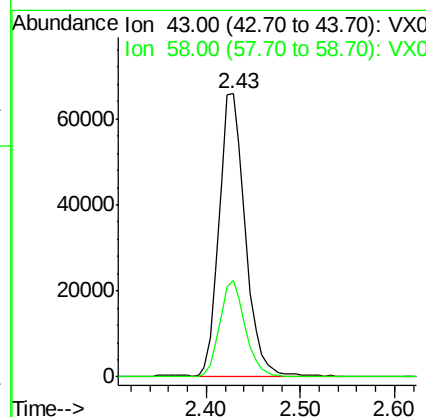
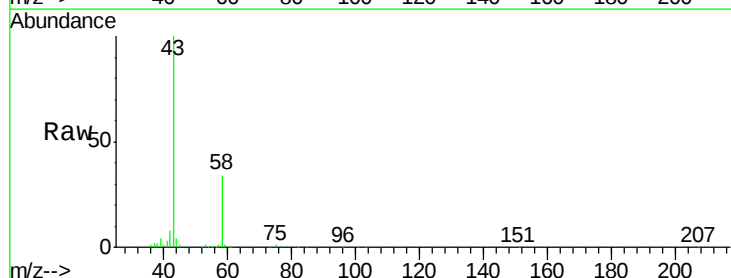
RT: 2.43 min Scan# 220

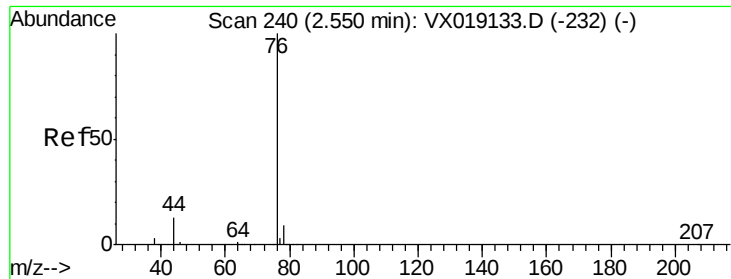
Delta R.T. 0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Tgt Ion:	43	Resp:	126173
Ion Ratio	Lower	Upper	
43	100		
58	34.2	26.3	39.5





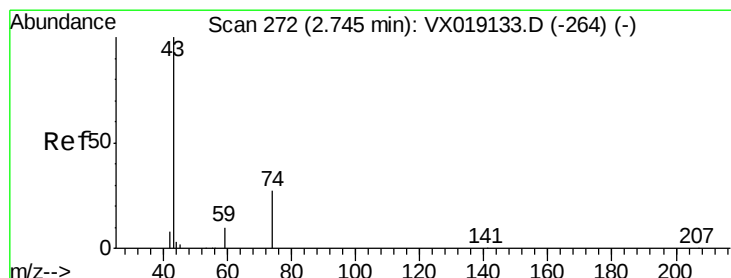
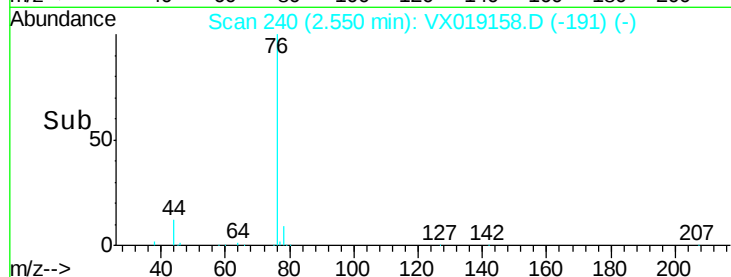
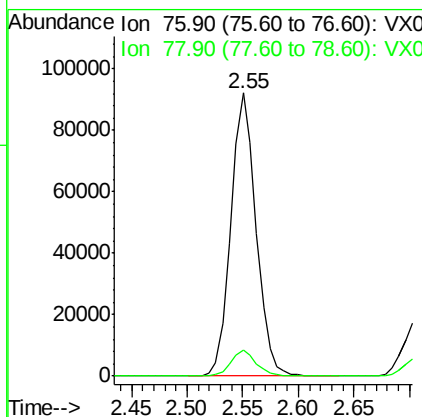
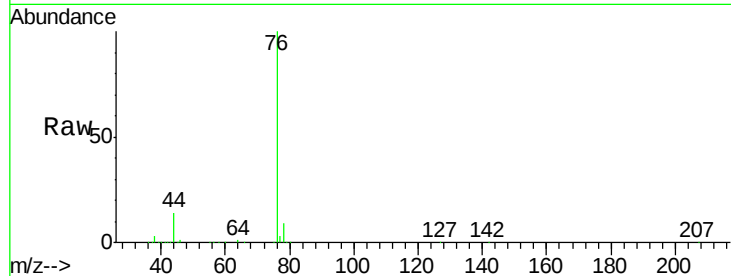
#17
Carbon Disulfide
Concen: 18.571 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

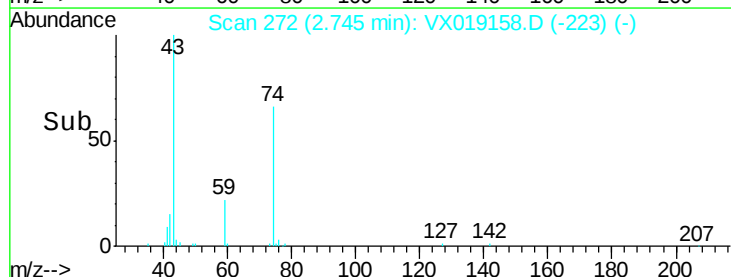
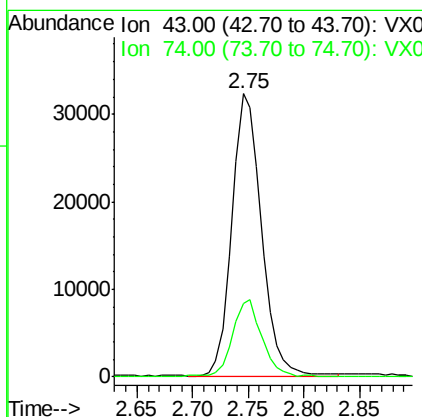
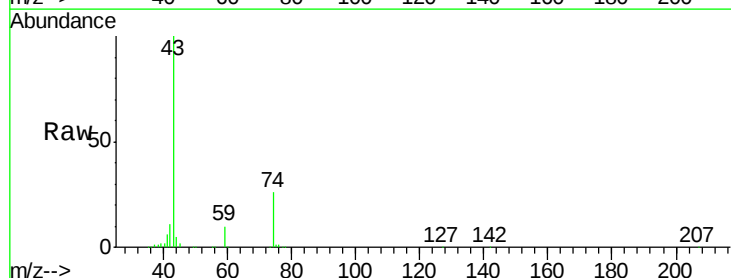
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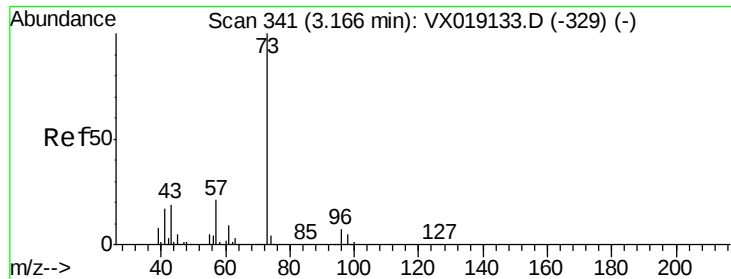
MMDadoda
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#18
Methyl Acetate
Concen: 19.023 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.6	22.6	33.8





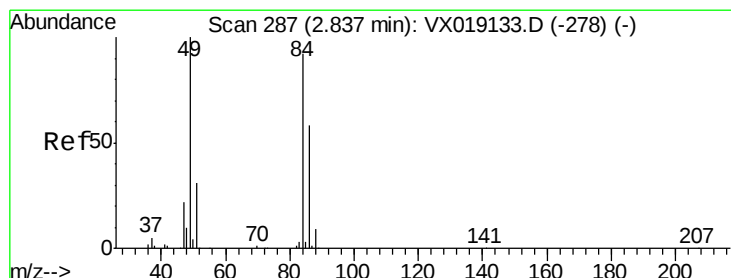
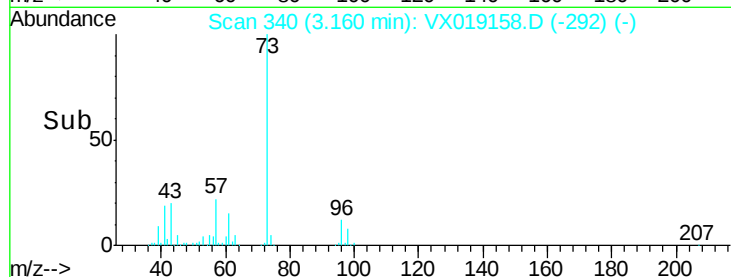
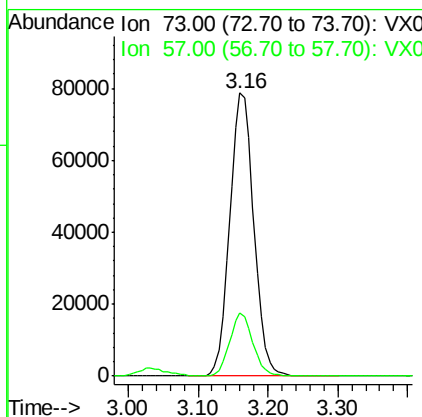
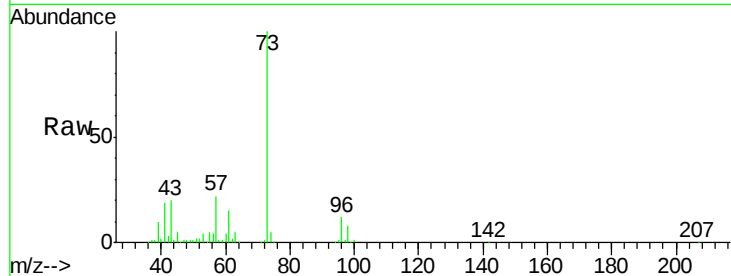
#19
Methvl tert-butvl Ether
Concen: 19.386 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	73	Resp	188015
Ion Ratio	100	Lower	Upper
73	100		
57	22.2	16.6	25.0

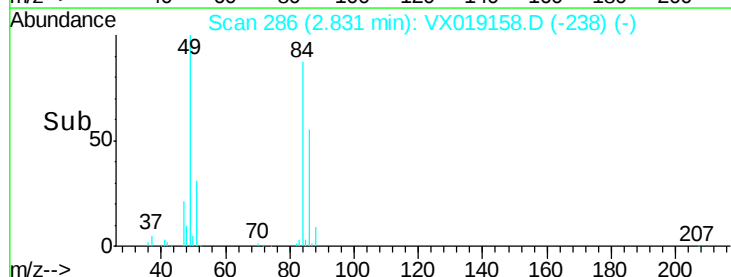
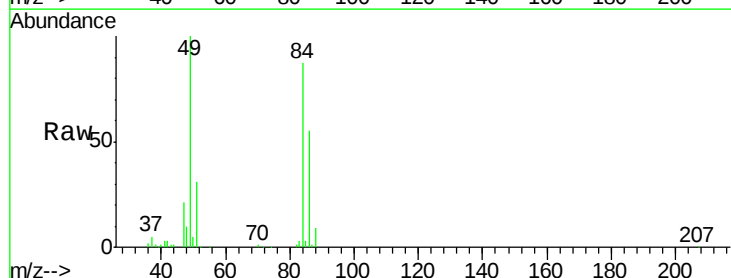
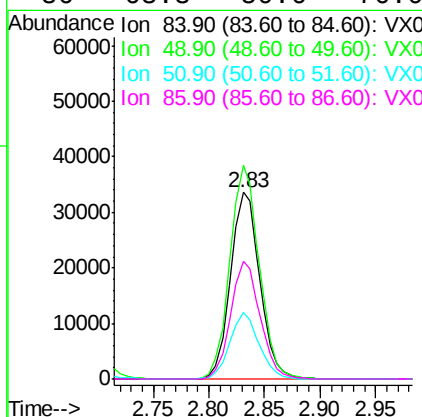
Manual Integrations
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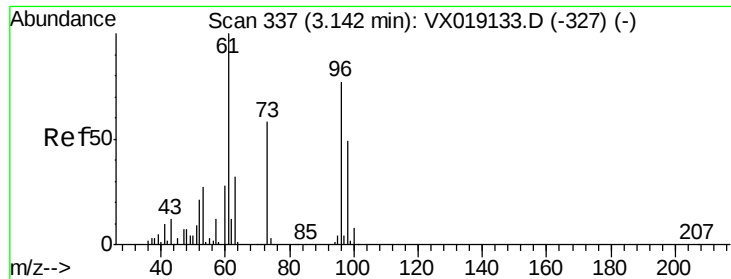
MMDadoda
10/29/2020 9:45:35 AM



#20
Methylene Chloride
Concen: 18.963 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion	84	Resp	61167
Ion Ratio	100	Lower	Upper
84	100		
49	114.6	86.8	130.2
51	35.5	27.3	40.9
86	63.3	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 18.514 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

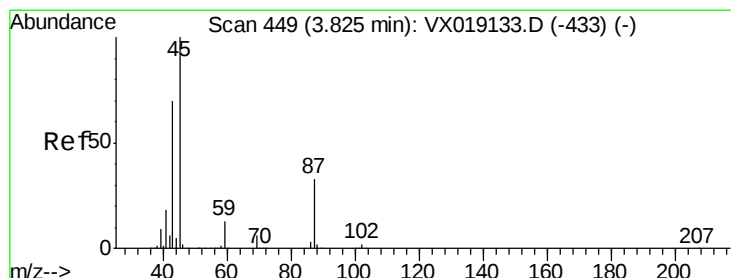
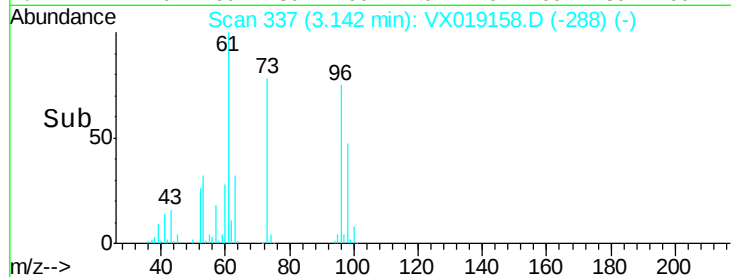
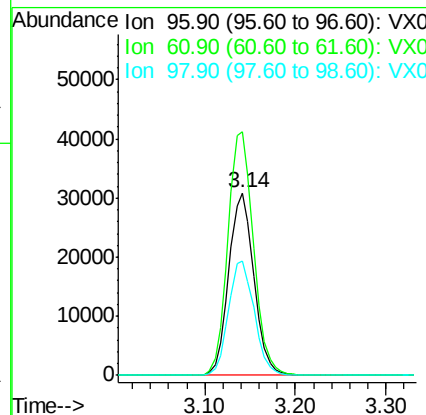
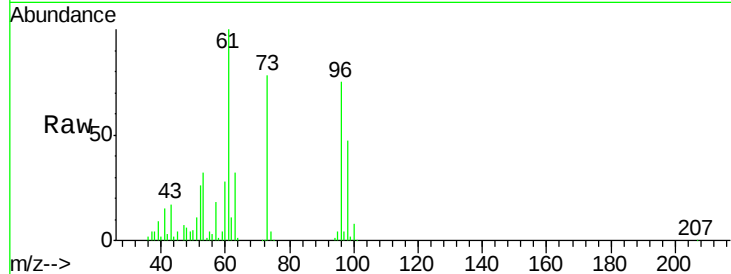
ClientSampleId :

VX1028WBS01

Tot Ion:	96	Resp:	59643
Ion	Ratio	Lower	Upper
96	100		
61	133.7	104.2	156.4
98	62.9	51.3	76.9

Manual Integrations
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MMDadoda
10/29/2020 9:45:35 AM



#22

Diisopropyl ether

Concen: 20.257 ug/l

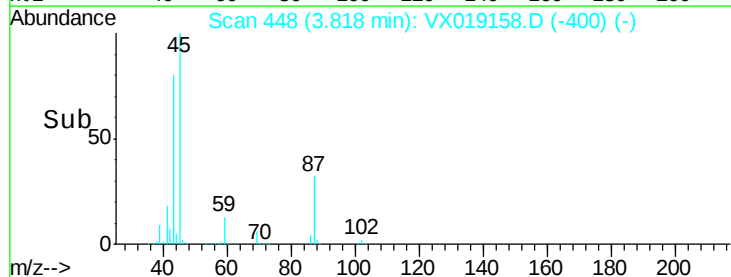
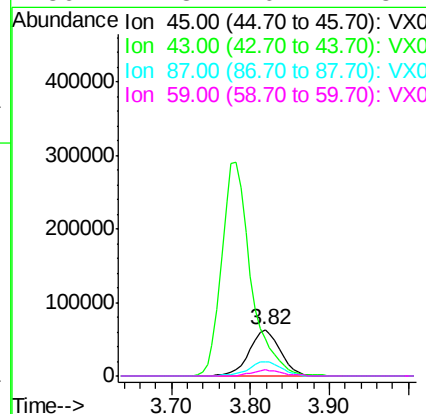
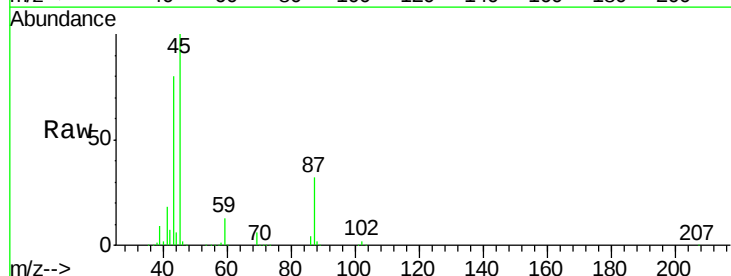
RT: 3.82 min Scan# 448

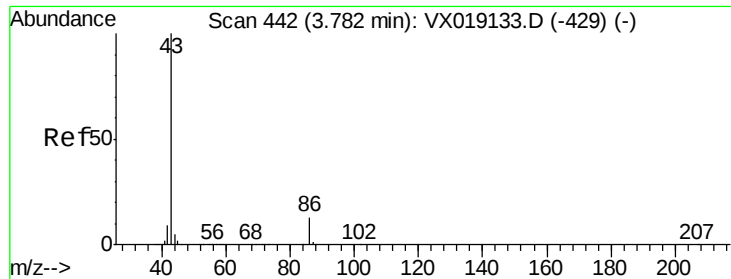
Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Tgt Ion:	45	Resp:	171218
Ion	Ratio	Lower	Upper
45	100		
43	79.3	56.2	84.4
87	31.6	26.2	39.2
59	12.8	10.1	15.1





#23

Vinyl Acetate

Concen: 100.306 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 43 Resp: 756034

Ion Ratio Lower Upper

43 100

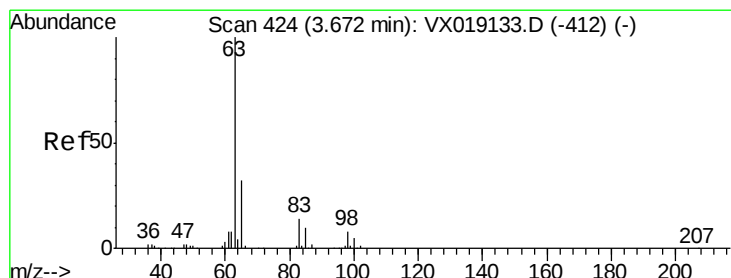
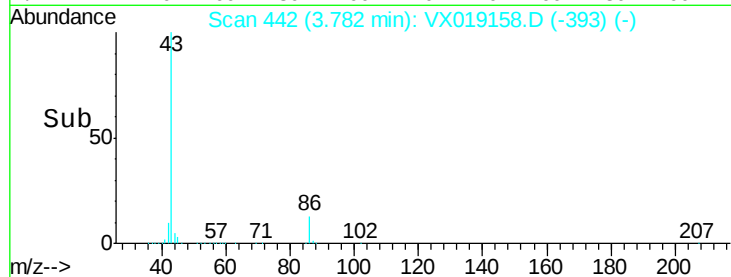
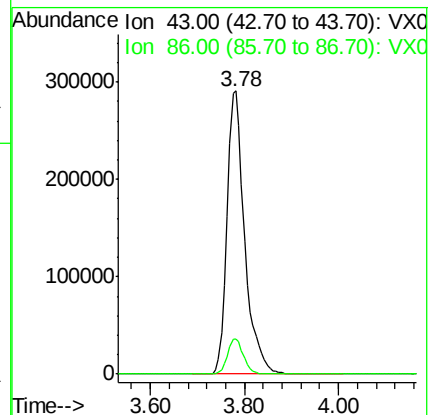
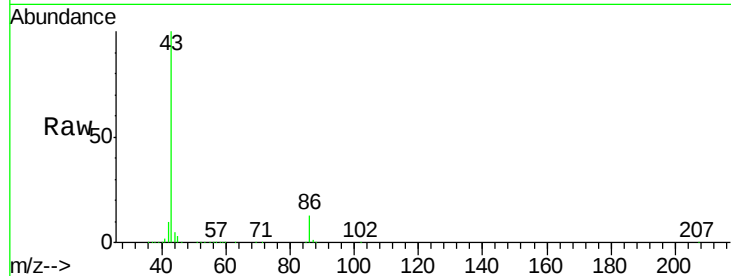
86 12.5 10.4 15.6

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 19.825 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

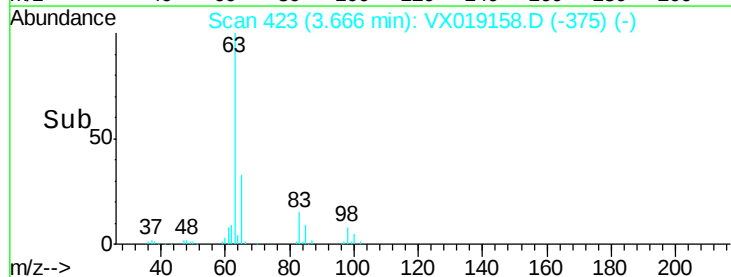
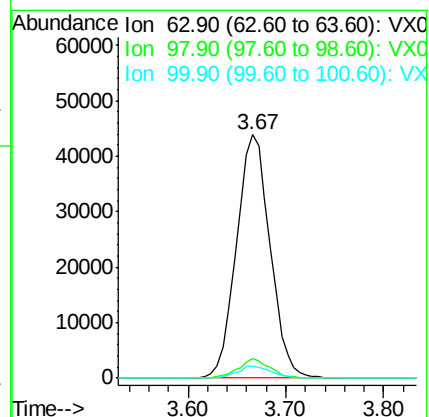
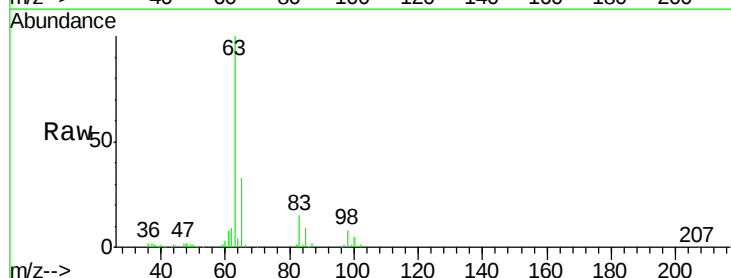
Tgt Ion: 63 Resp: 104618

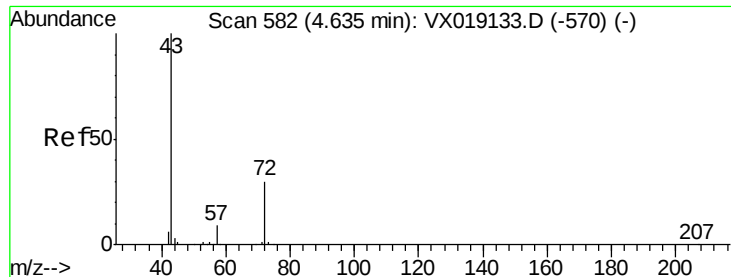
Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.4

100 4.8 2.4 7.2





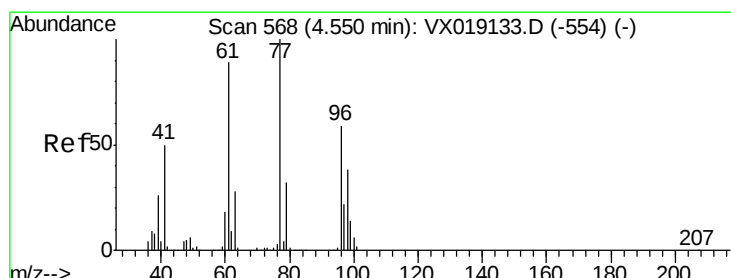
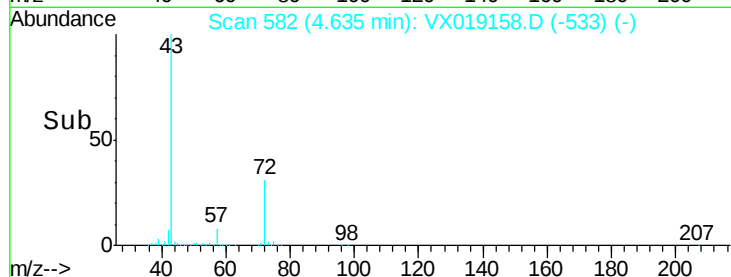
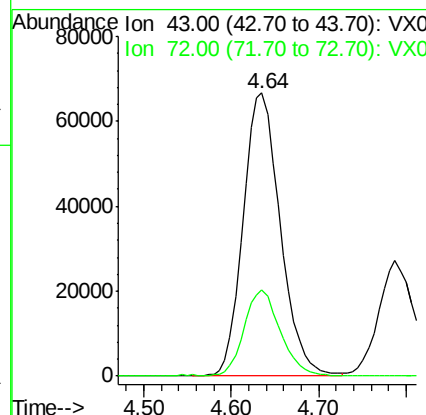
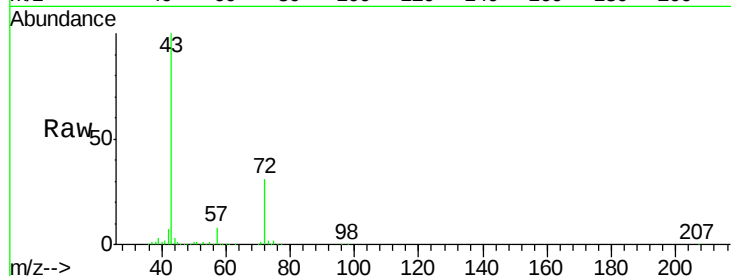
#25
2-Butanone
Concen: 96.528 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion: 43 Resp: 195462
Ion Ratio Lower Upper
43 100
72 30.3 24.6 36.8

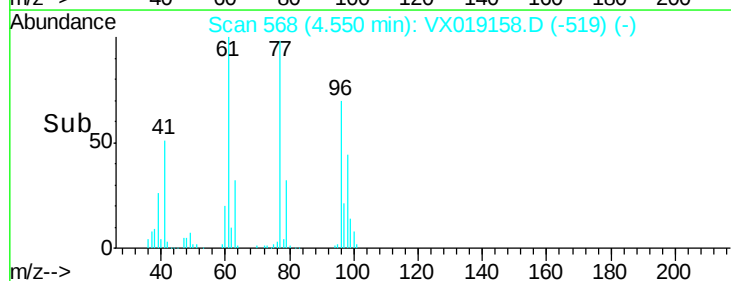
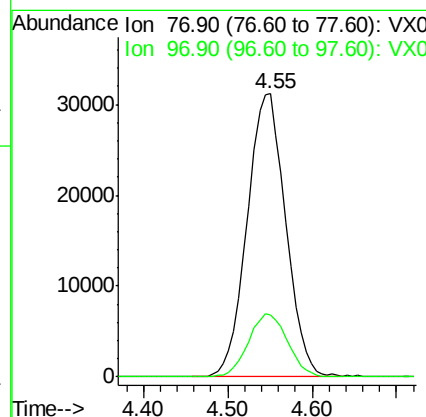
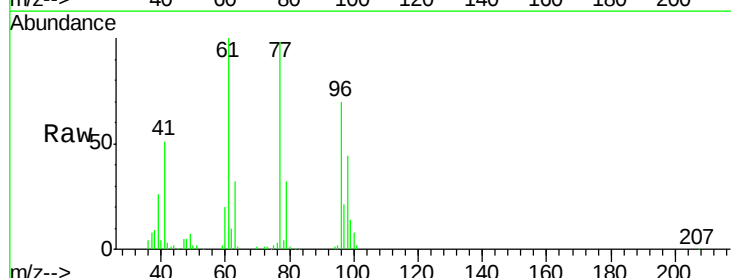
Manual Integrations
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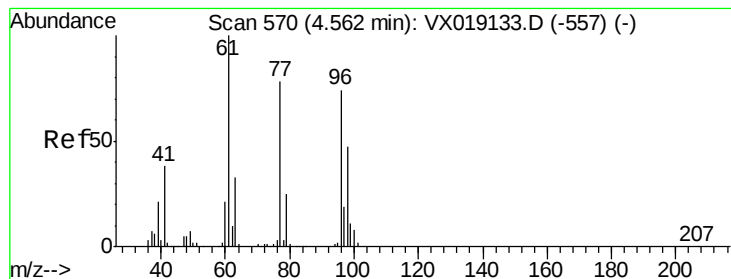
MMDadoda
10/29/2020 9:45:35 AM



#26
2,2-Dichloropropane
Concen: 19.572 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion: 77 Resp: 97097
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.1





#27

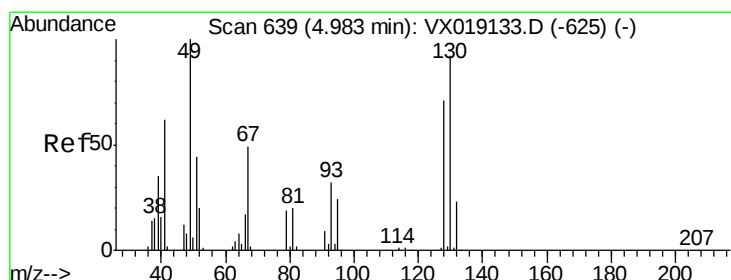
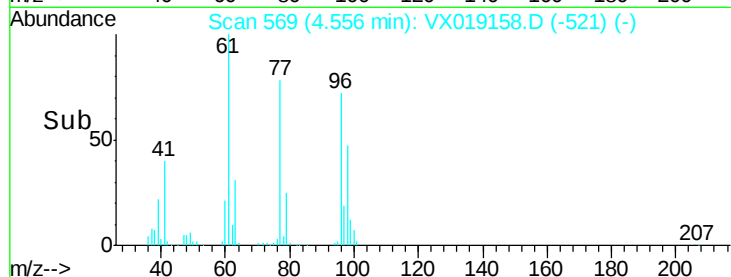
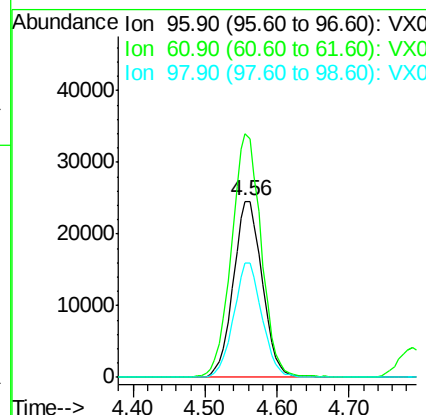
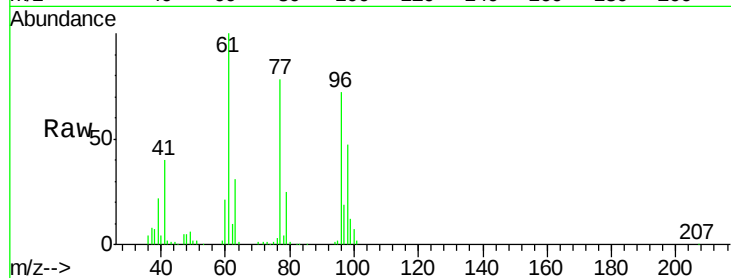
cis-1,2-Dichloroethene
 Concen: 19.128 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	278.8
98	63.5	0.0	130.2

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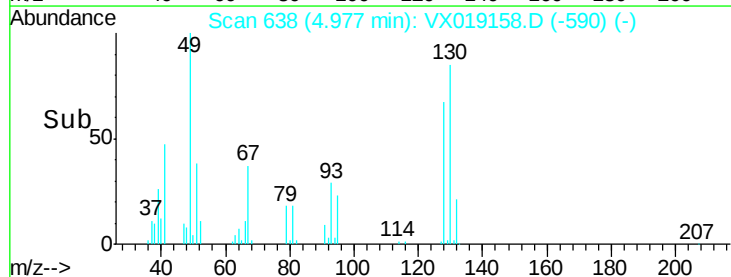
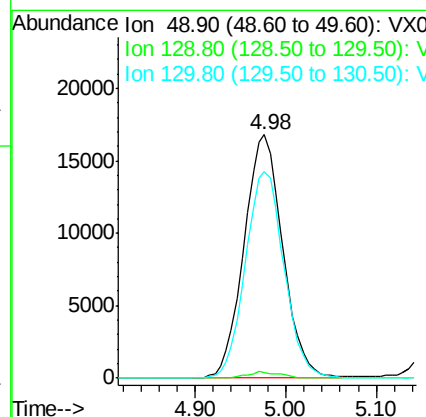
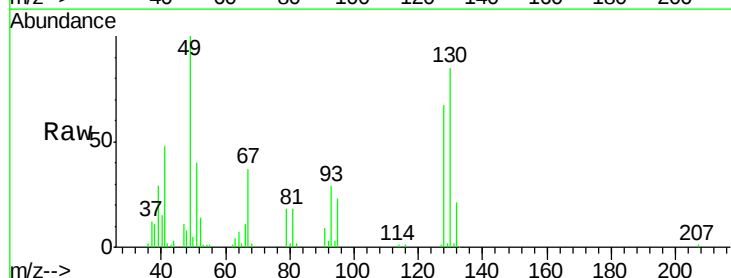
MMDadoda
 10/29/2020 9:45:35 AM

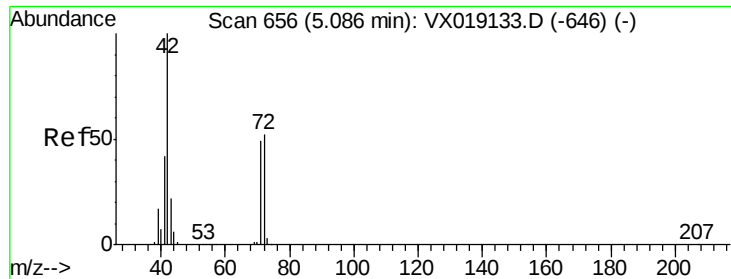


#28

Bromochloromethane
 Concen: 20.698 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	85.0	71.3	106.9





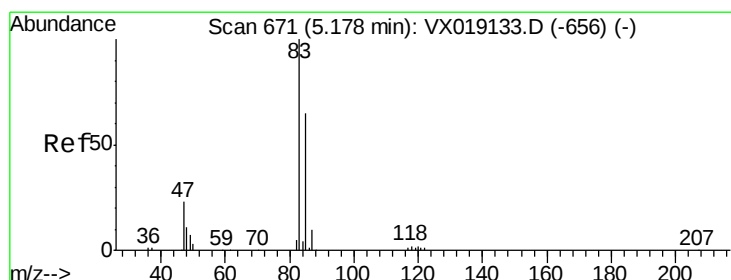
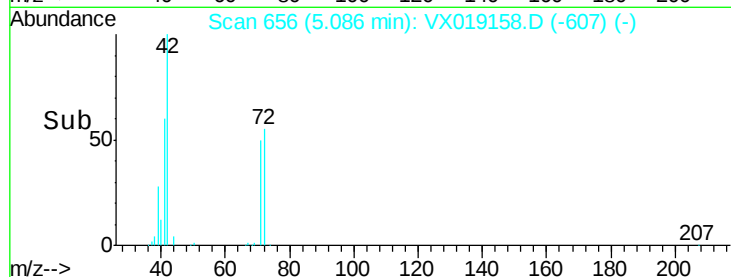
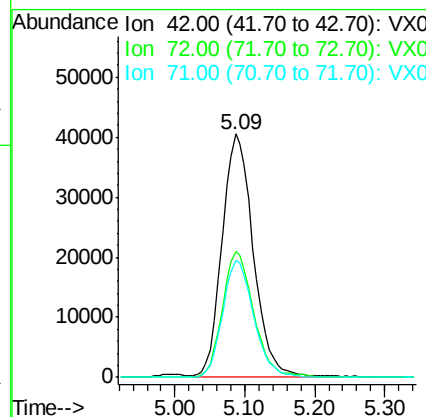
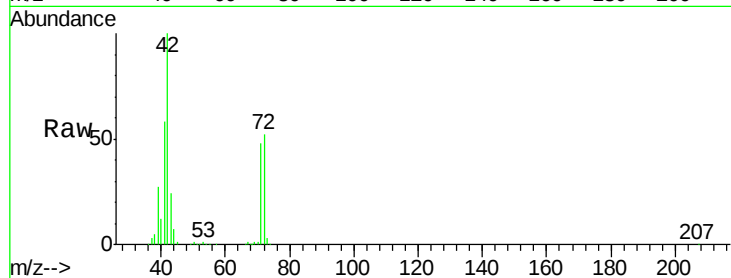
#29
Tetrahydrofuran
Concen: 97.567 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampled :
VX1028WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.7	42.6	63.8
71	48.4	39.7	59.5

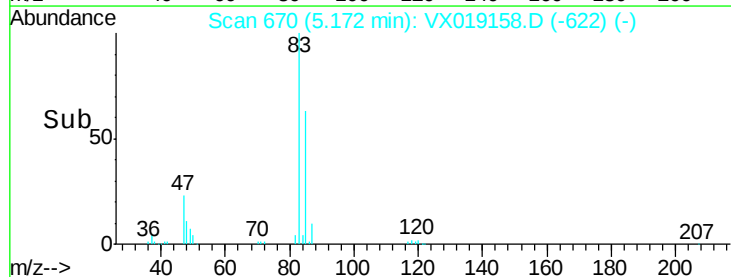
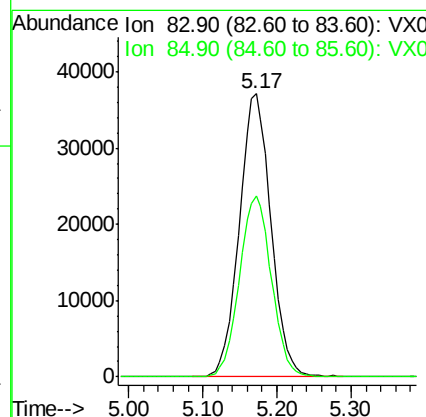
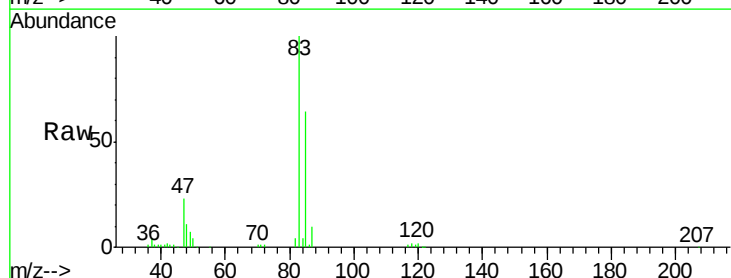
Manual Integrations
APPROVED

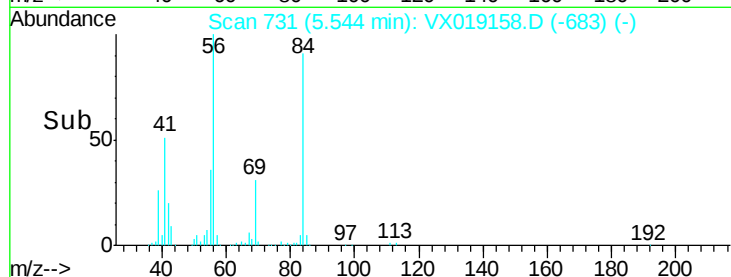
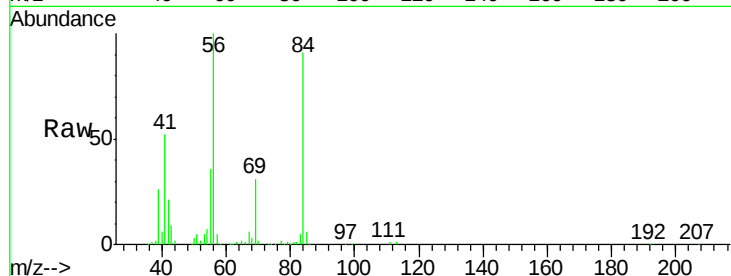
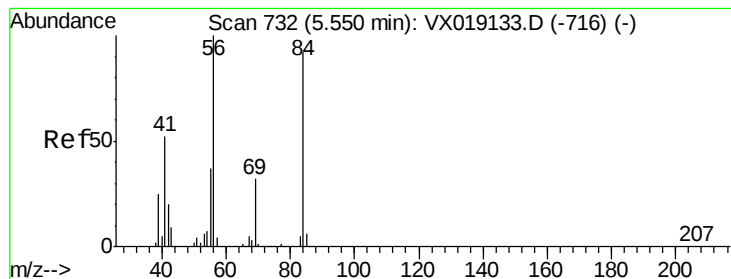
MMDadoda
10/29/2020 9:45:35 AM



#30
Chloroform
Concen: 19.690 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.9	77.9





#31

Cyclohexane

Concen: 19.633 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Tot Ion:	56	Resp:	92428
Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.9	38.9
84	88.8	73.4	110.2

Instrument :

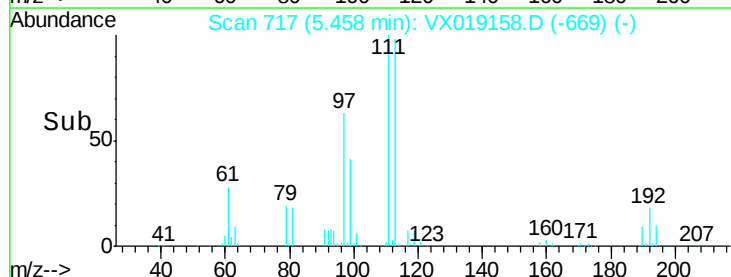
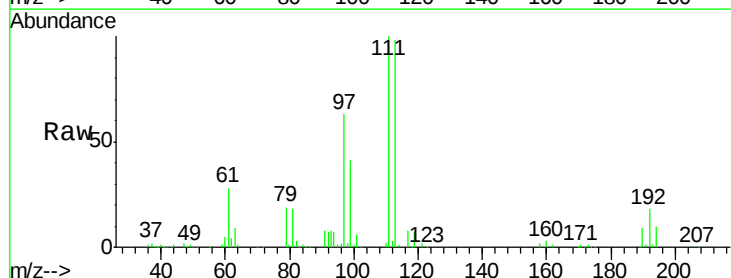
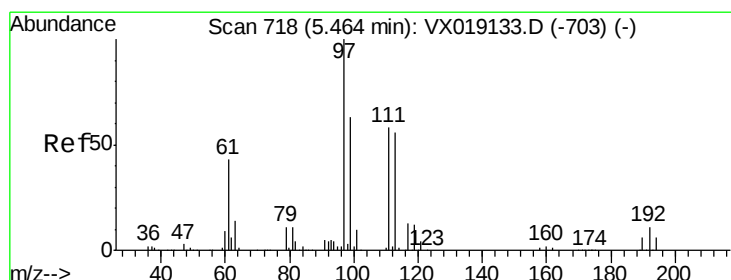
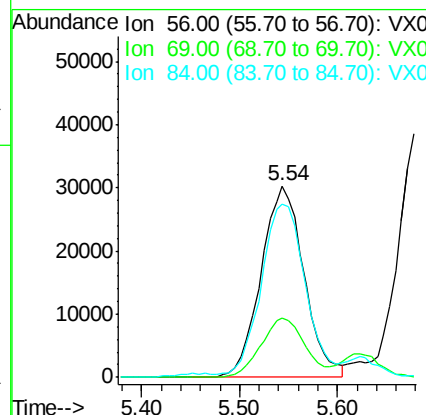
MSVOA_X

ClientSampleId :

VX1028WBS01

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.594 ug/l

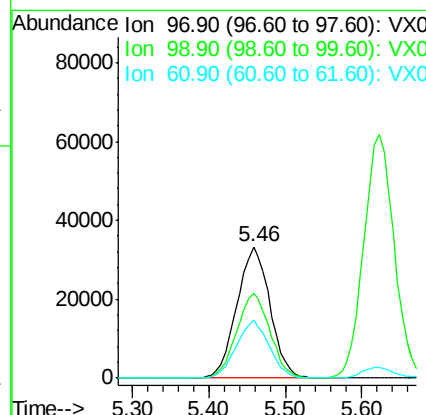
RT: 5.46 min Scan# 717

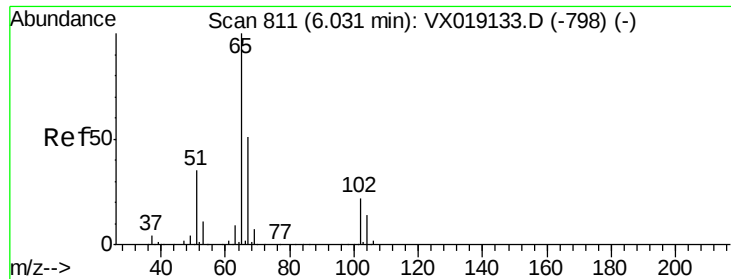
Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Tgt Ion:	97	Resp:	99786
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.7	77.5
61	43.9	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 49.255 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 65 Resp: 183445

Ion Ratio Lower Upper

65 100

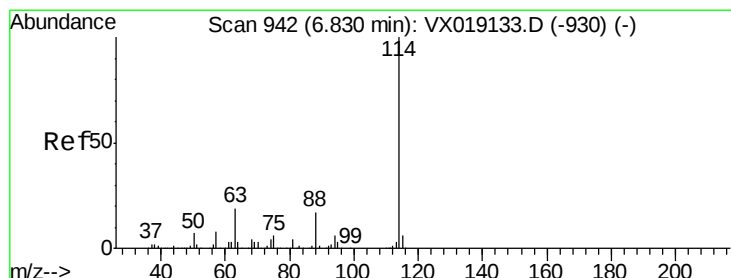
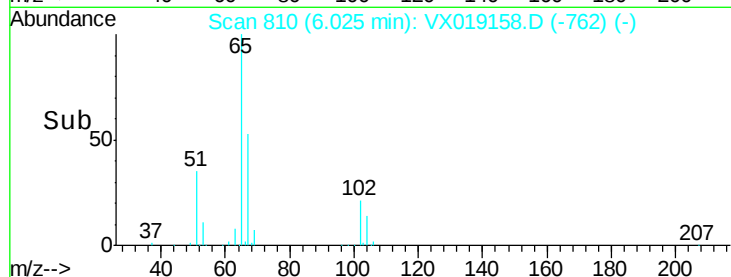
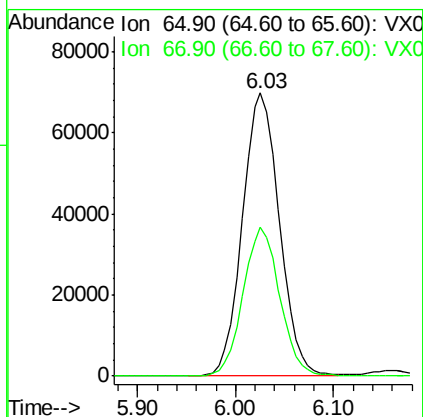
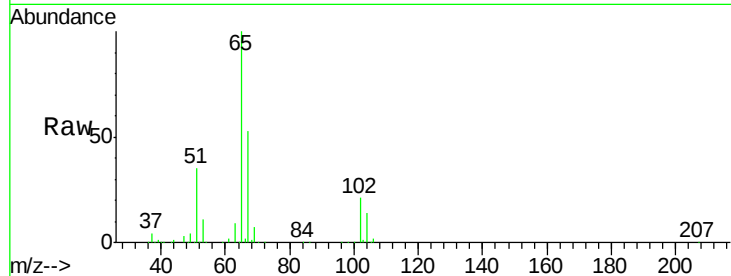
67 52.1 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

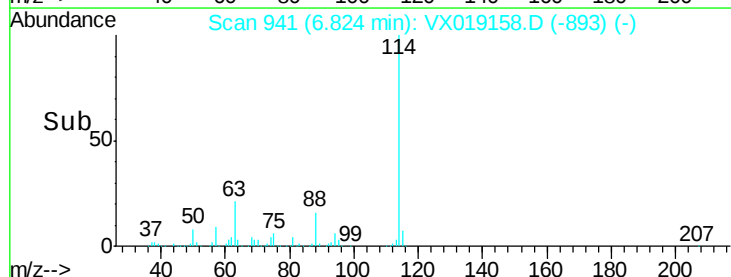
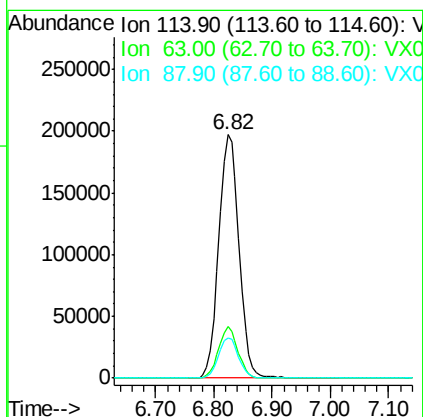
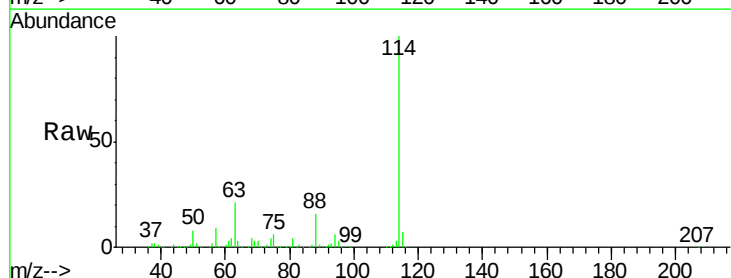
Tgt Ion: 114 Resp: 475573

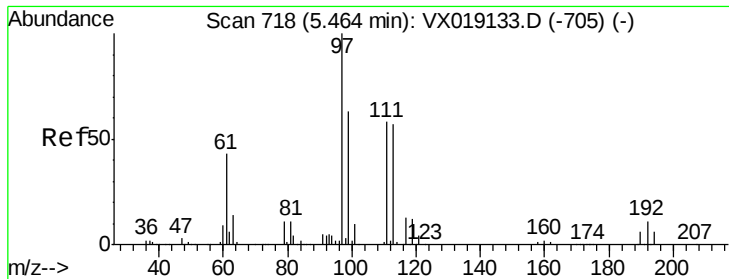
Ion Ratio Lower Upper

114 100

63 21.2 0.0 38.8

88 16.3 0.0 34.2





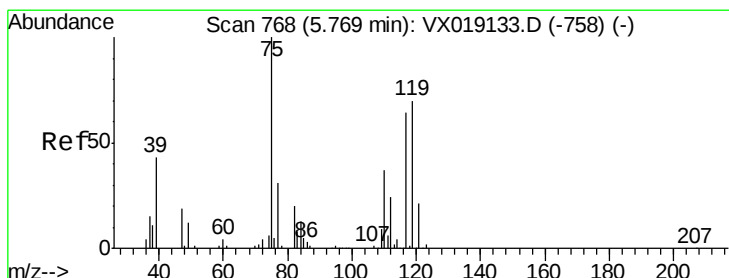
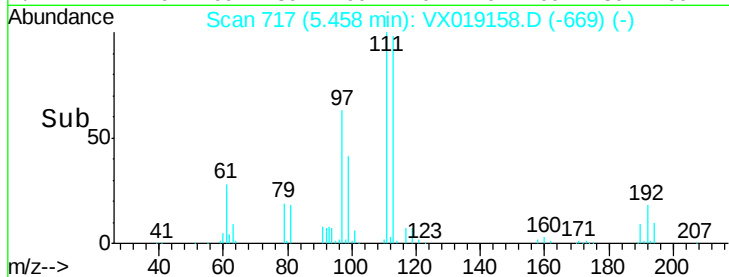
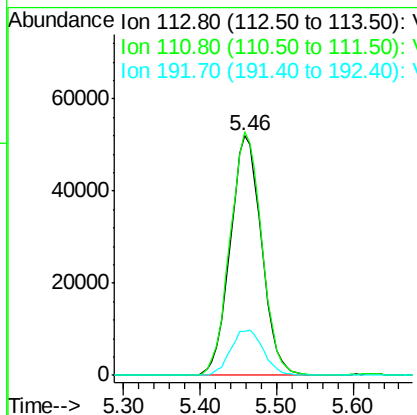
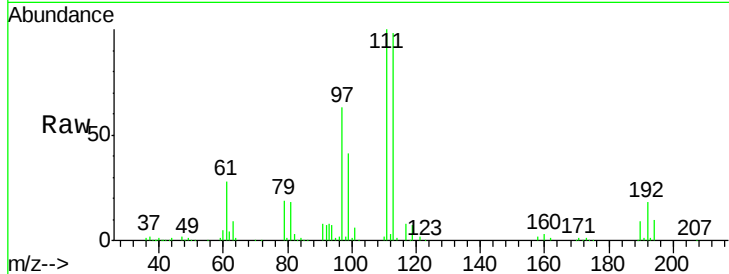
#35
Dibromofluoromethane
Concen: 49.345 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	147405		
111	102.7	82.3	123.5	
192	19.9	16.2	24.2	

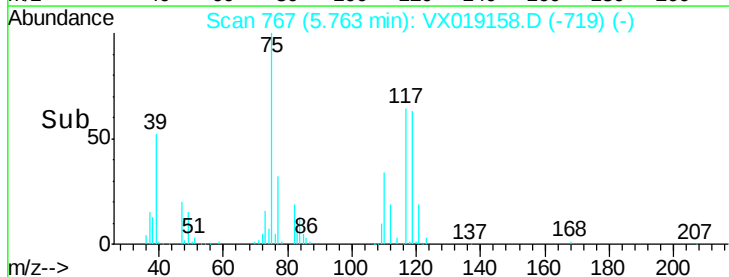
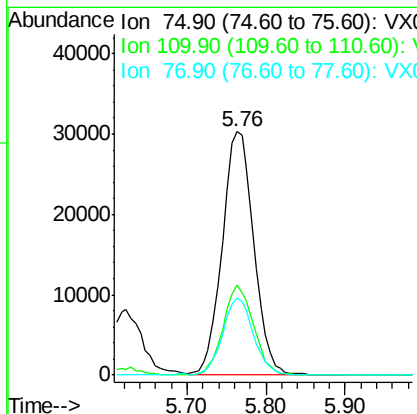
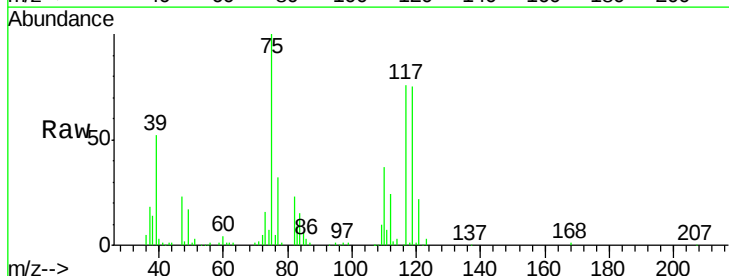
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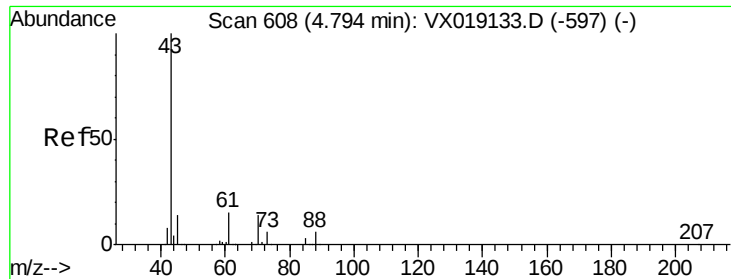
MMDadoda
10/29/2020 9:45:35 AM



#36
1,1-Dichloropropene
Concen: 19.206 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84346		
110	35.5	18.3	54.9	
77	31.2	24.9	37.3	





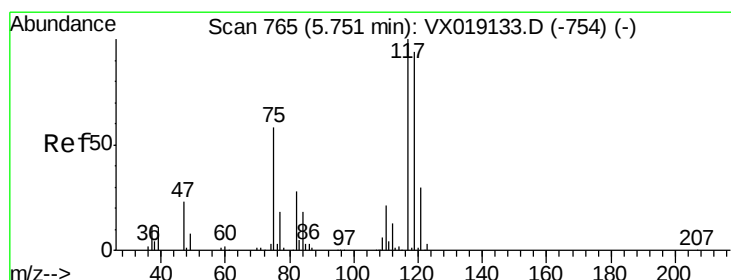
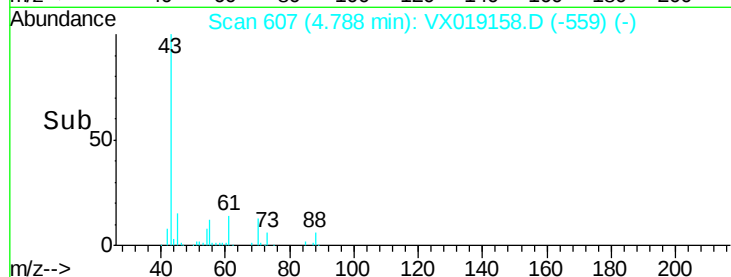
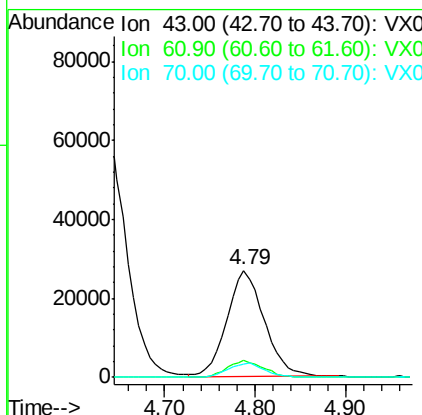
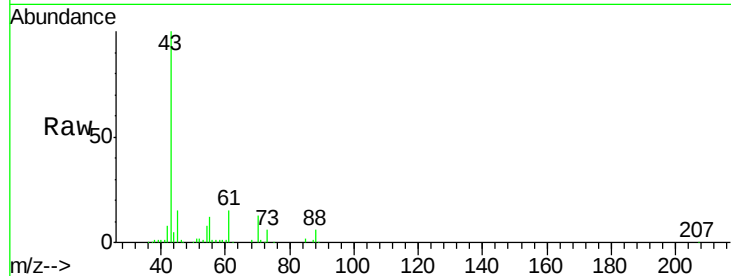
#37
Ethyl Acetate
Concen: 18.821 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.5	18.7
70	13.2	10.5	15.7

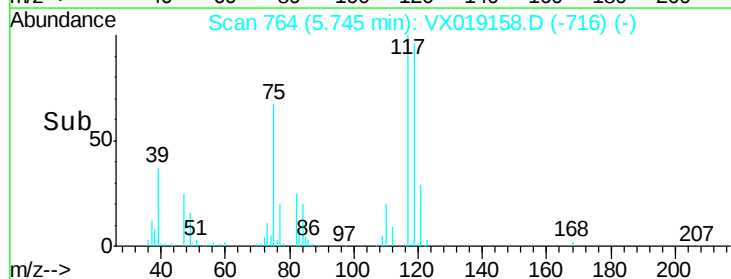
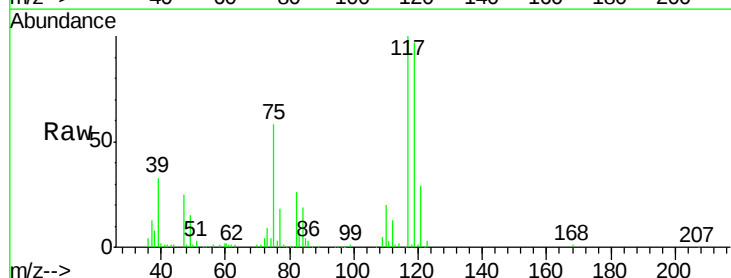
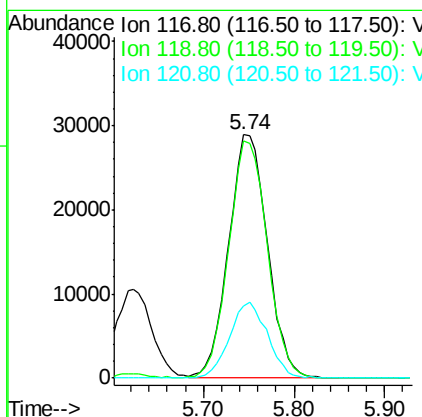
Manual Integrations
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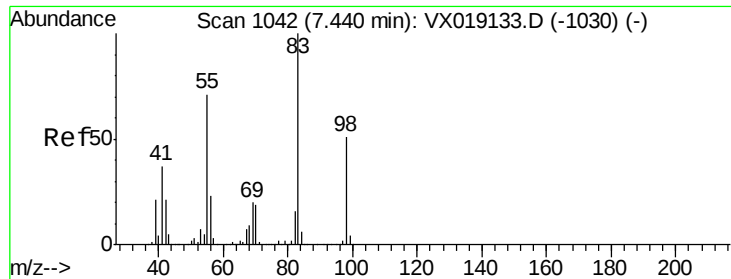
MMDadoda
10/29/2020 9:45:35 AM



#38
Carbon Tetrachloride
Concen: 19.152 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.0	112.6
121	29.4	23.9	35.9





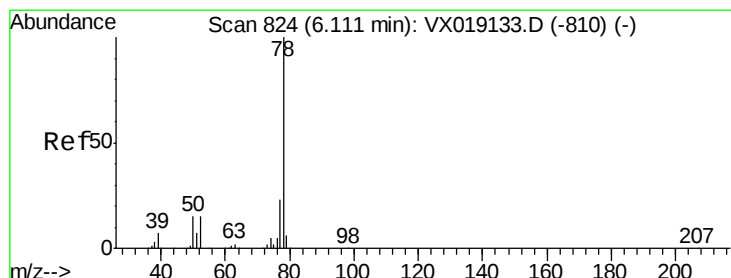
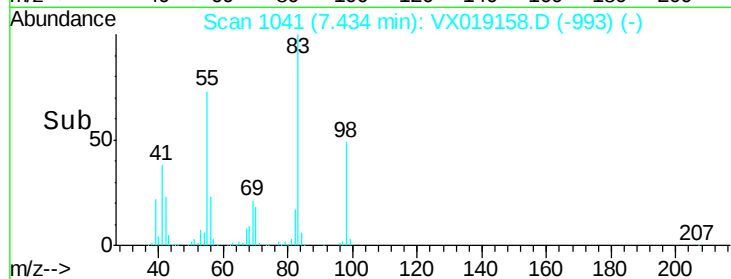
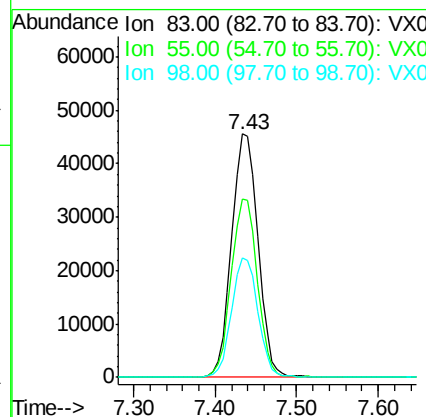
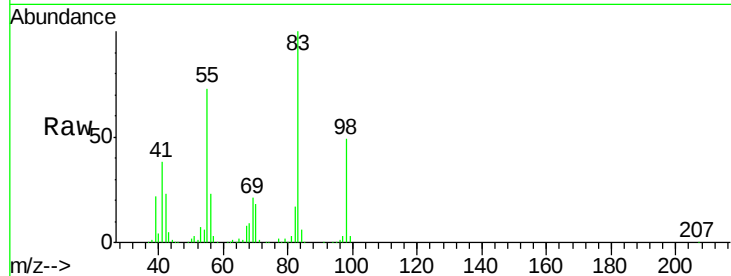
#39
Methvlcvclohexane
Concen: 19.378 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.9	57.0	85.6
98	49.3	40.5	60.7

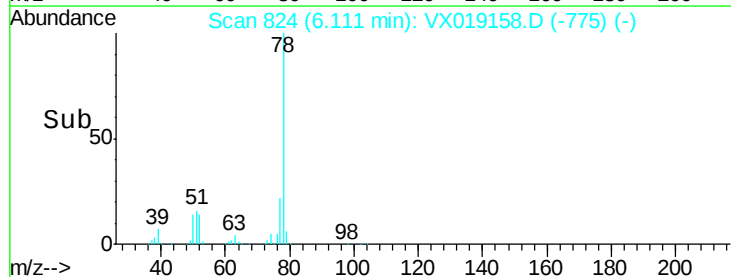
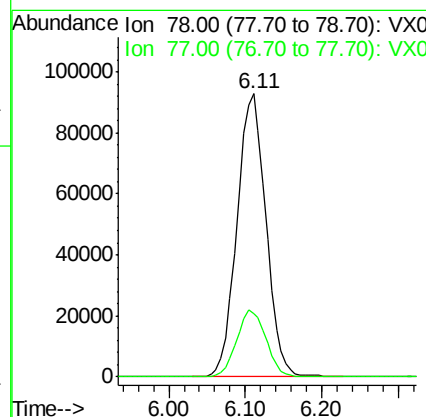
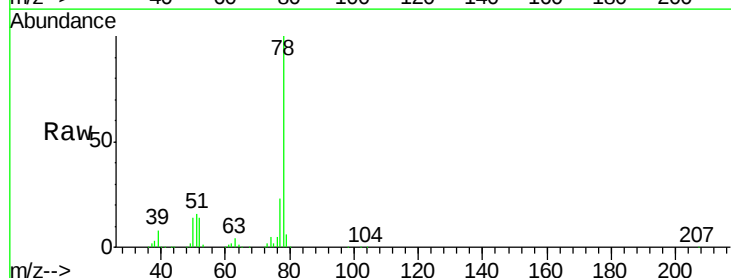
Manual Integrations
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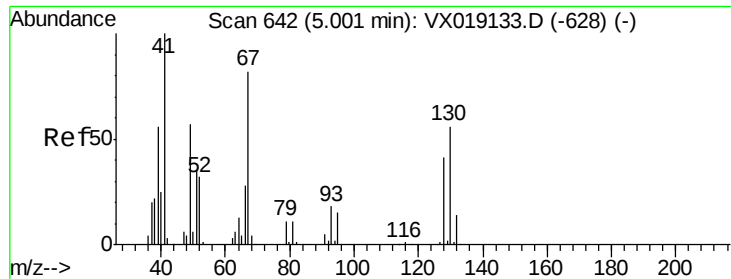
MMDadoda
10/29/2020 9:45:35 AM



#40
Benzene
Concen: 19.535 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.7	28.1





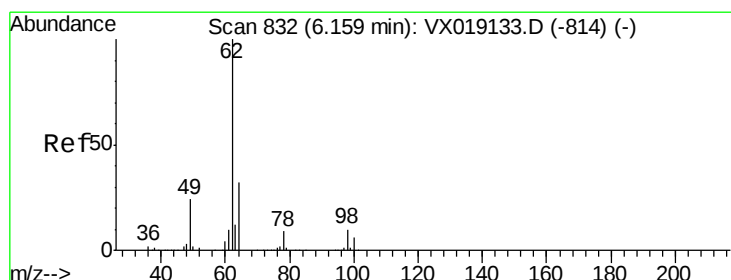
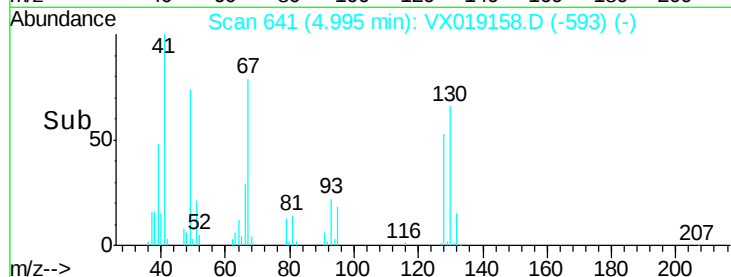
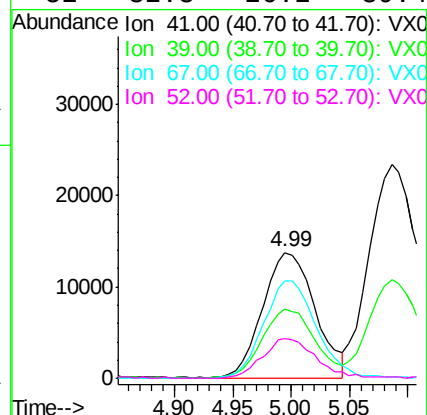
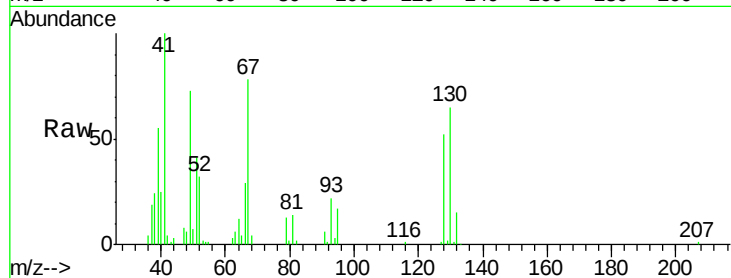
#41
Methacrylonitrile
Concen: 19.477 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	44.4	66.6	
67	79.5	66.4	99.6	
52	32.3	26.2	39.4	

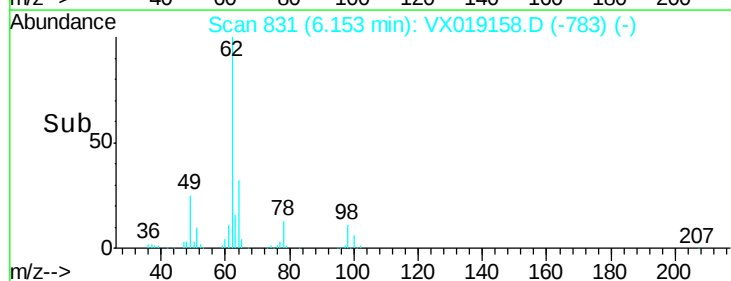
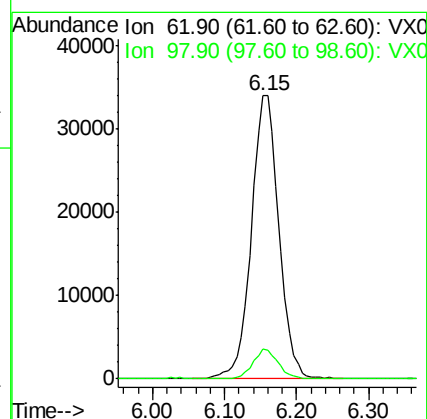
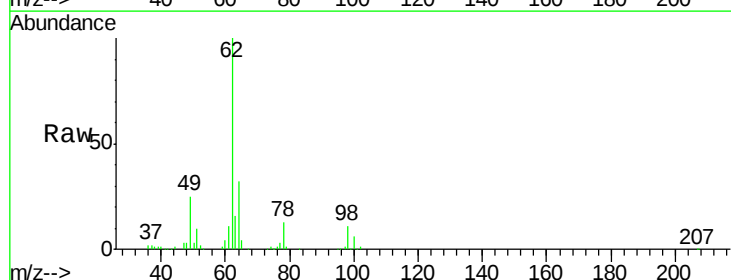
Manual Integrations
APPROVED

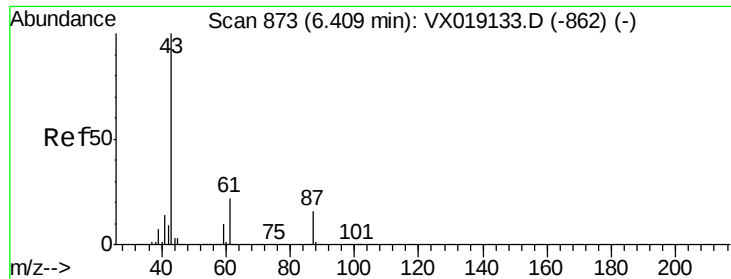
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.696 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	19.0	





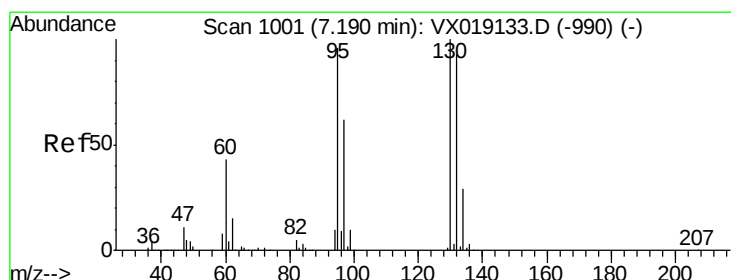
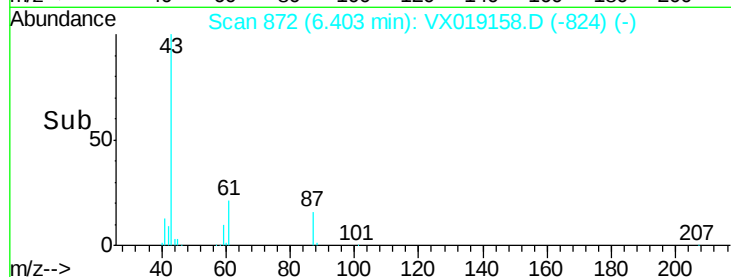
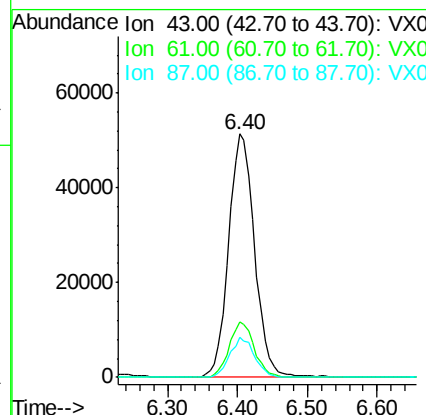
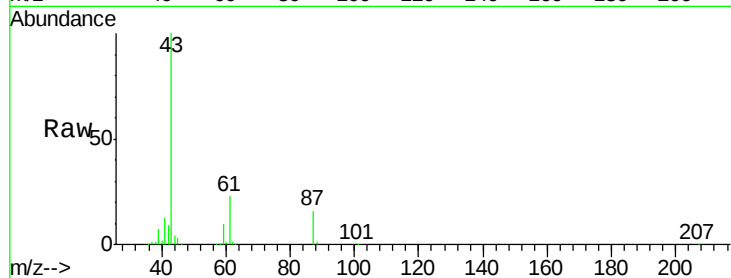
#43
Isopropyl Acetate
Concen: 19.290 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.1	17.8	26.6
87	15.6	12.6	19.0

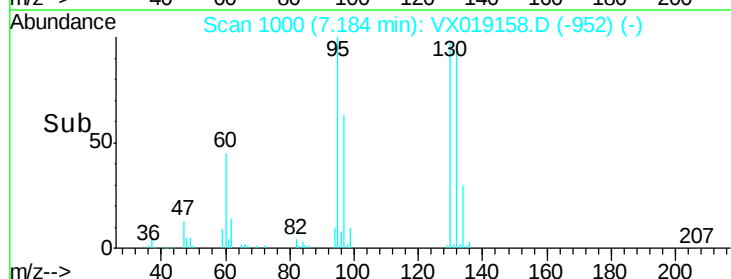
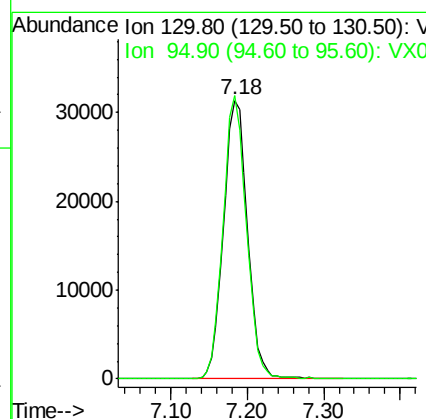
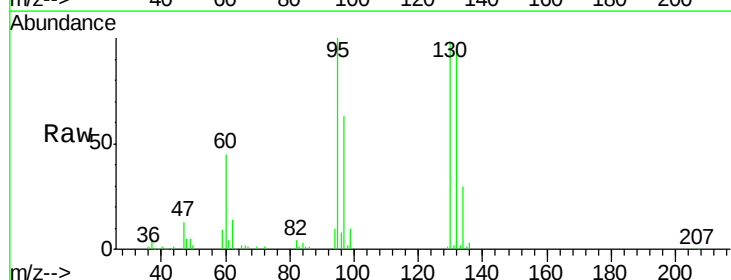
Manual Integrations
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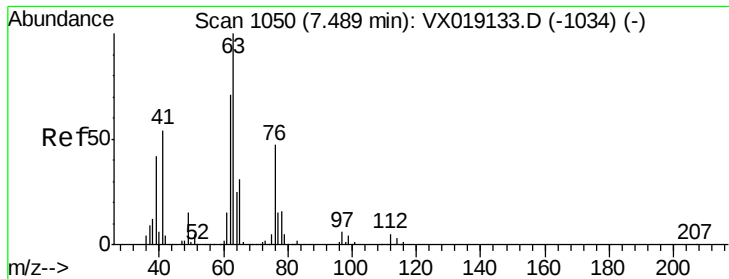
MMDadoda
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#44
Trichloroethene
Concen: 19.158 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	192.0





#45

1,2-Dichloropropane

Concen: 19.708 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 63 Resp: 60104

Ion Ratio Lower Upper

63 100

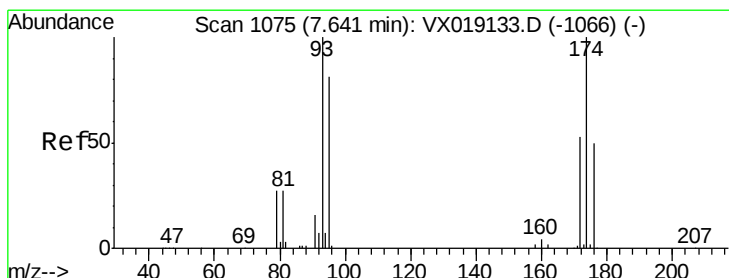
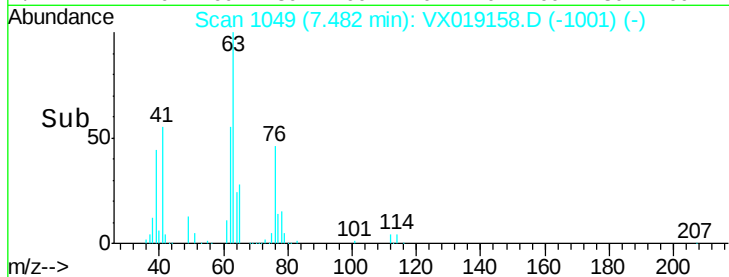
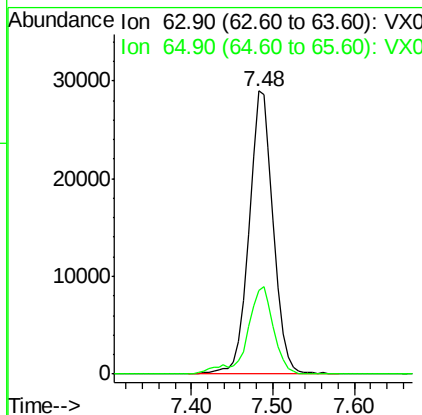
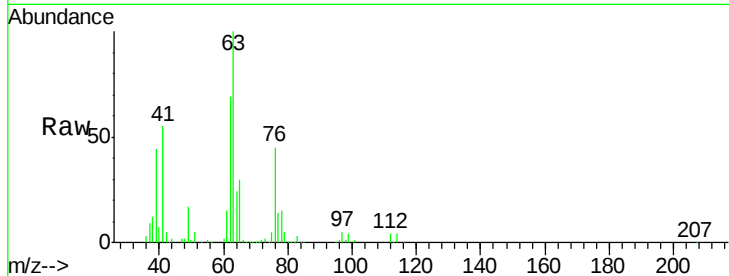
65 29.6 25.2 37.8

Manual Integrations

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#46

Dibromomethane

Concen: 18.983 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

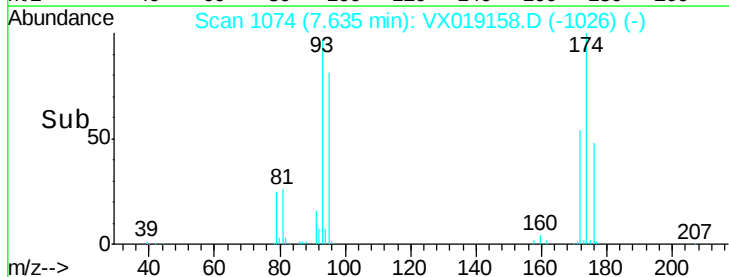
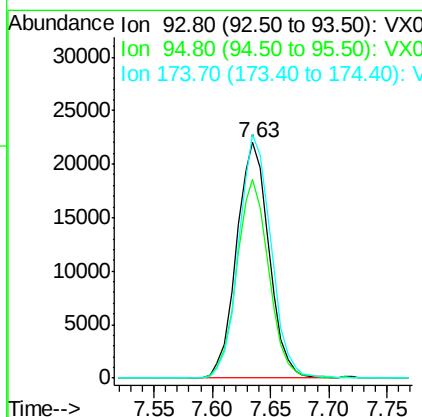
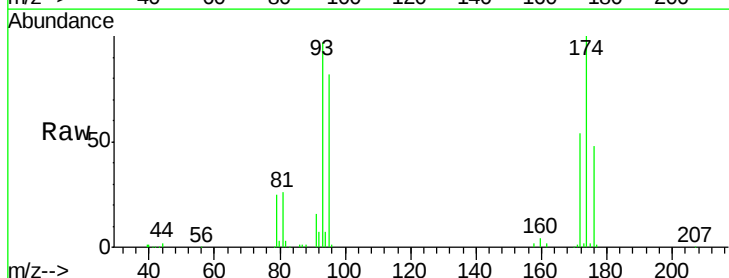
Tgt Ion: 93 Resp: 42811

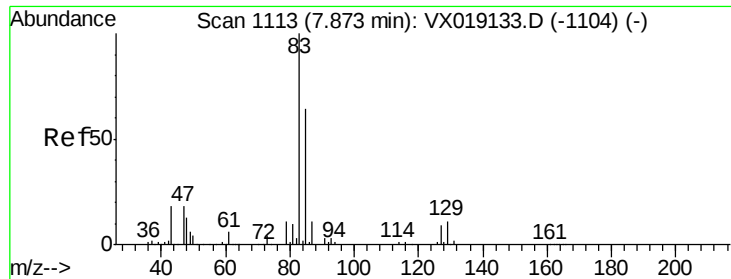
Ion Ratio Lower Upper

93 100

95 83.1 67.0 100.6

174 102.3 81.7 122.5





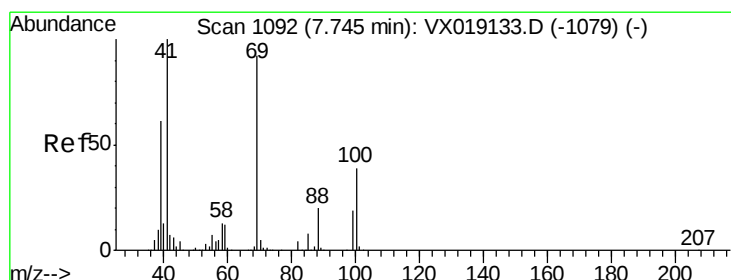
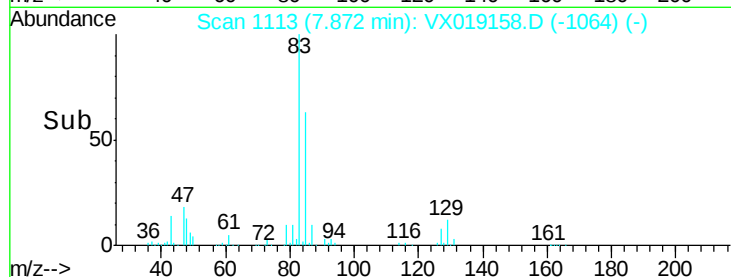
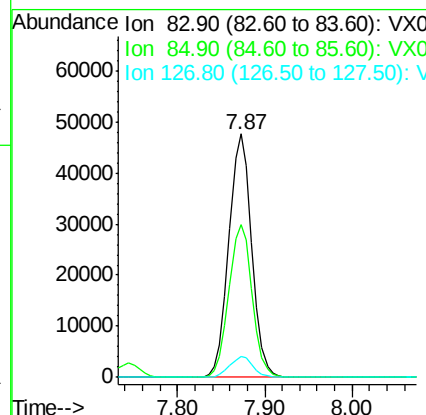
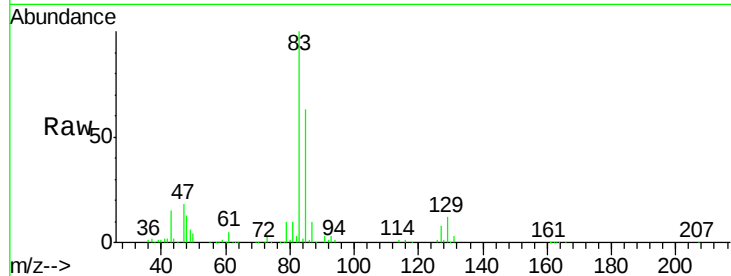
#47
Bromodichloromethane
Concen: 19.459 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.2	76.8
127	8.4	7.1	10.7

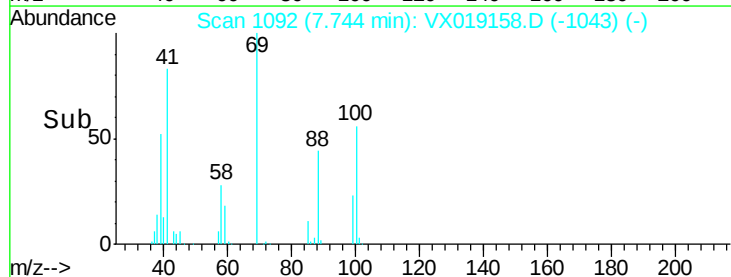
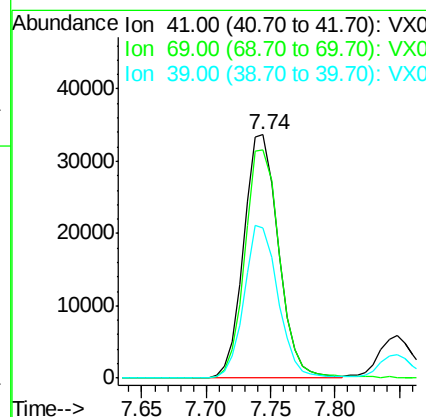
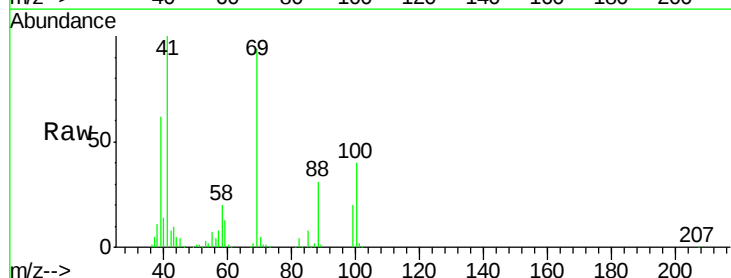
Manual Integrations
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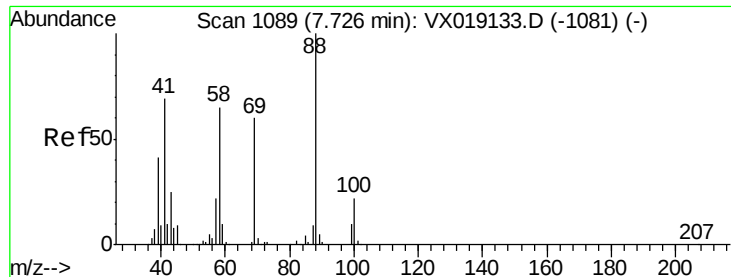
MMDadoda
10/29/2020 9:45:35 AM



#48
Methyl methacrylate
Concen: 19.168 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion	Ratio	Lower	Upper
41	100		
69	93.8	75.5	113.3
39	61.5	48.9	73.3





#49

1,4-Dioxane

Concen: 386.007 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.02 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 88 Resp: 28209

Ion Ratio Lower Upper

88 100

43 29.4 23.0 34.6

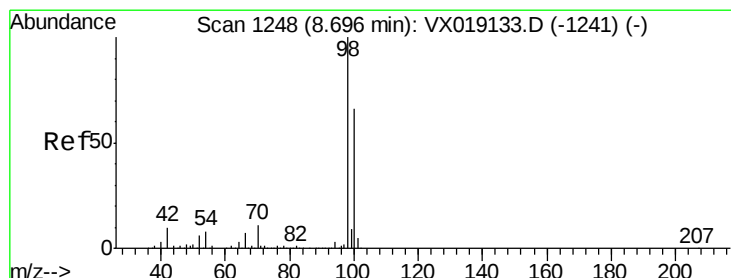
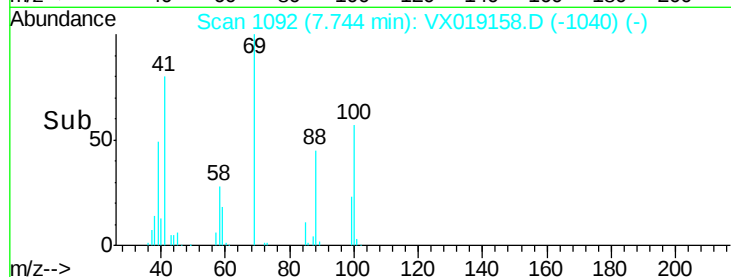
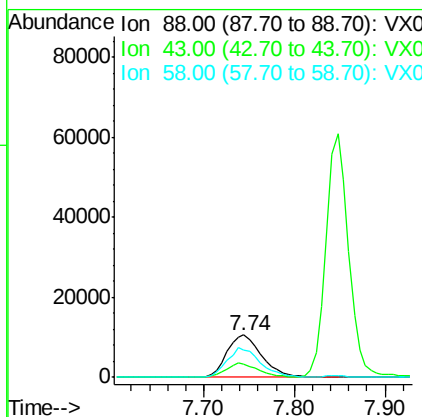
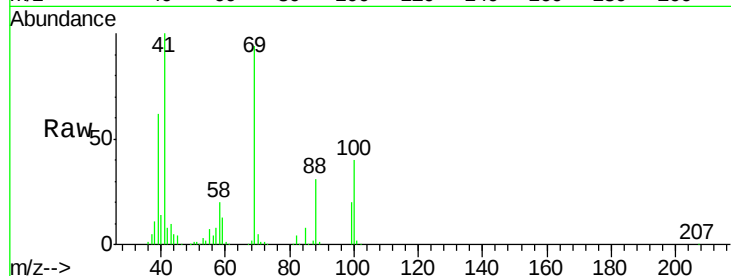
58 66.7 52.2 78.2

Manual Integrations

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#50

Toluene-d8

Concen: 50.505 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019158.D

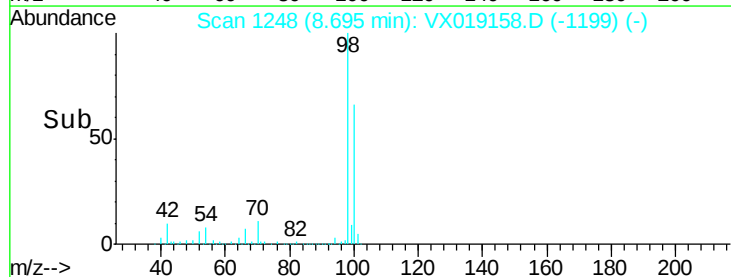
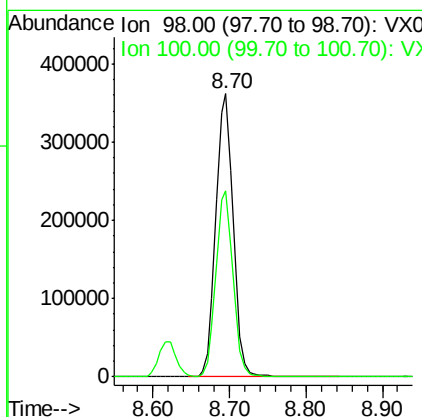
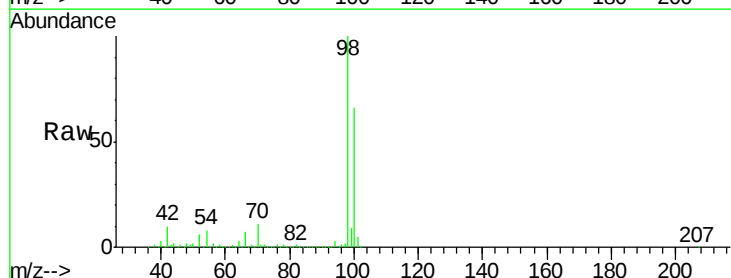
Acq: 28 Oct 2020 12:15

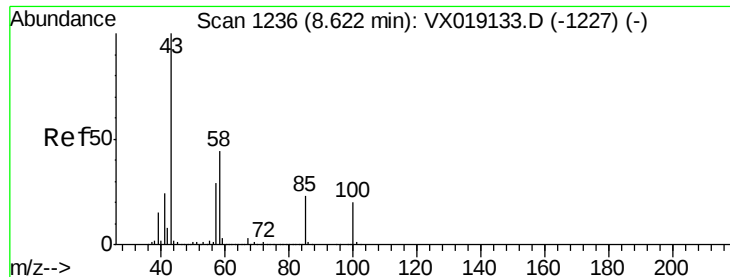
Tgt Ion: 98 Resp: 568726

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 99.414 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampled :

VX1028WBS01

Tot Ion: 43 Resp: 390106

Ion Ratio Lower Upper

43 100

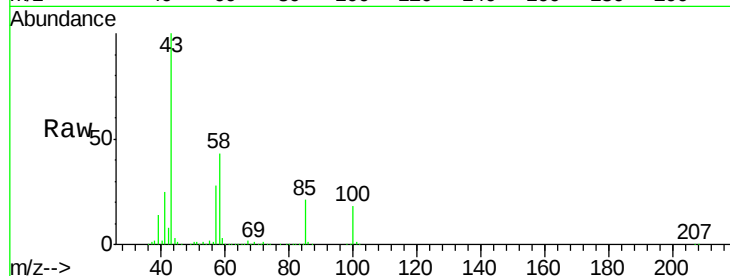
58 43.4 35.0 52.4

Manual Integrations

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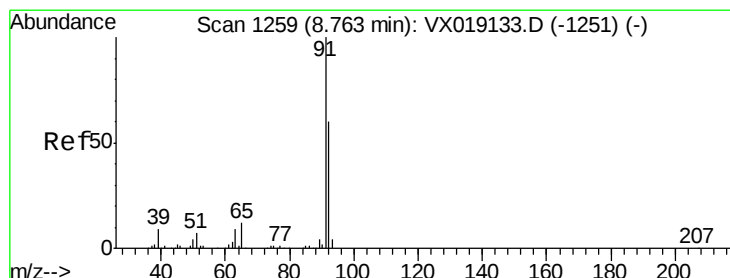
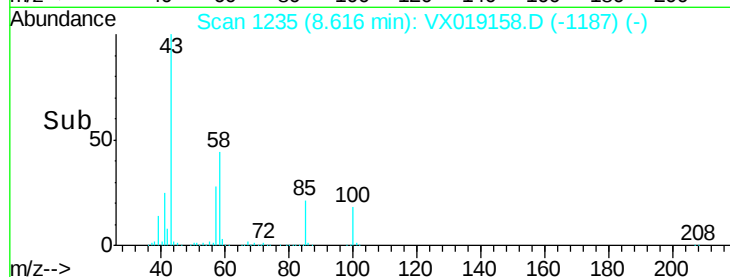
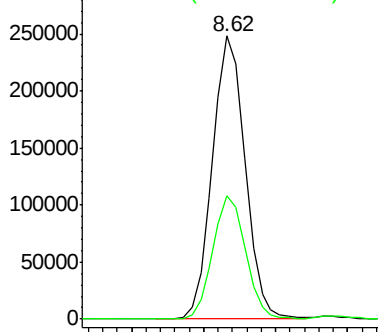
MMDadoda

10/29/2020 9:45:35 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.646 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019158.D

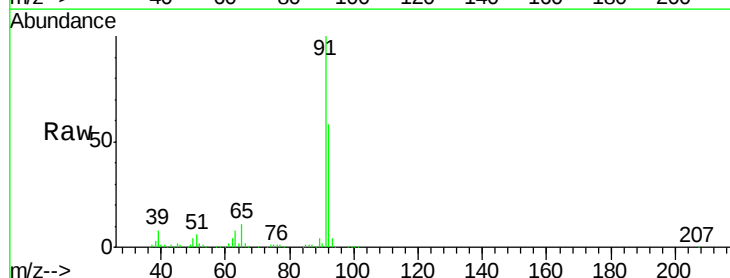
Acq: 28 Oct 2020 12:15

Tgt Ion: 92 Resp: 157548

Ion Ratio Lower Upper

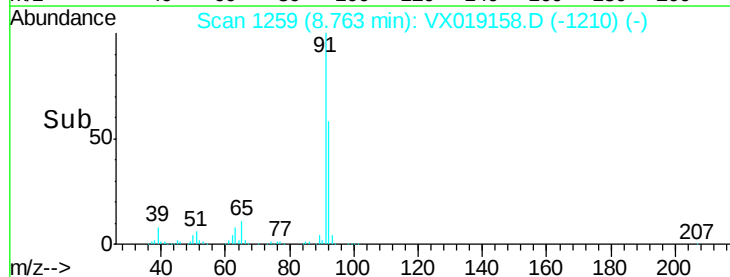
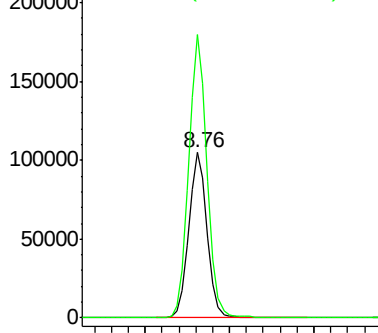
92 100

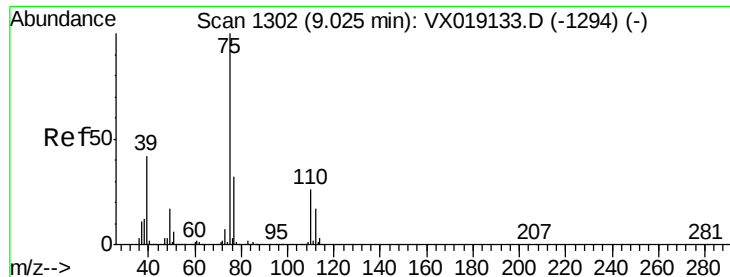
91 171.2 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.592 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 75 Resp: 94396

Ion Ratio Lower Upper

75 100

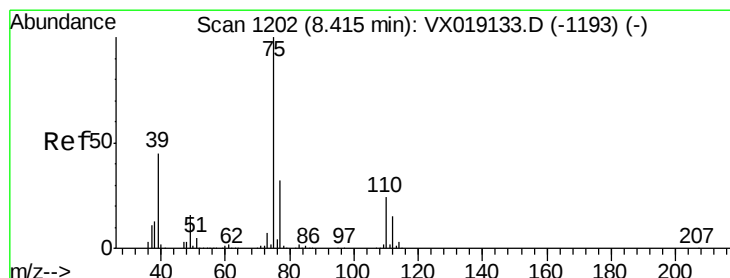
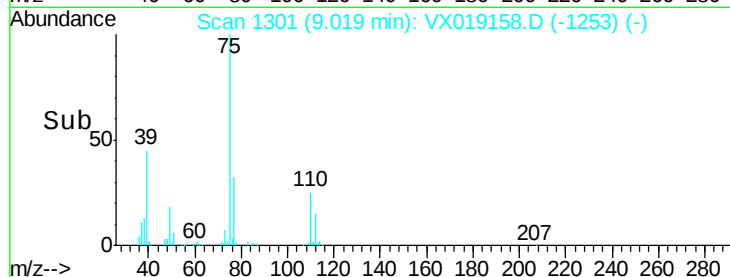
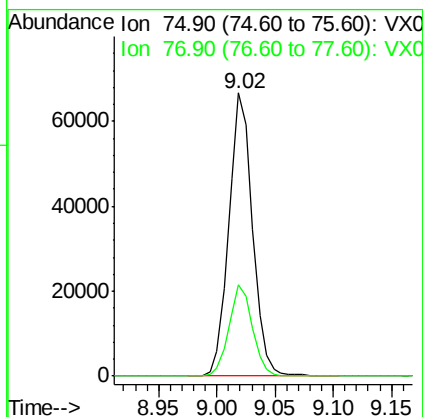
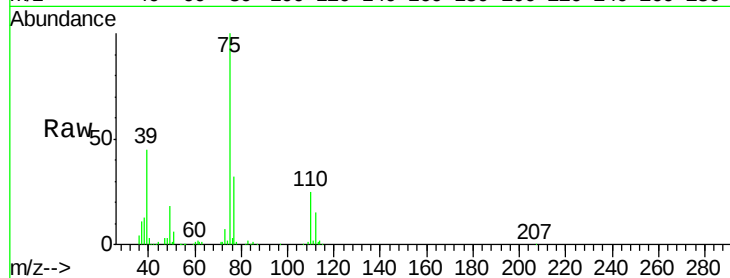
77 32.2 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 19.106 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

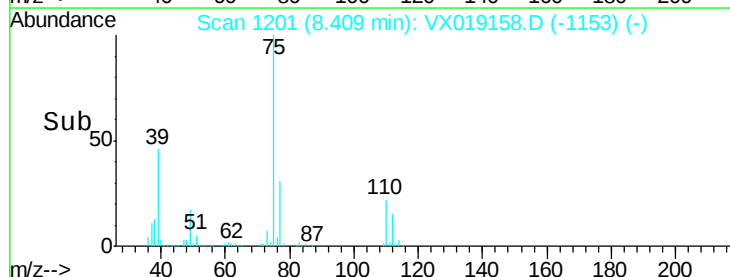
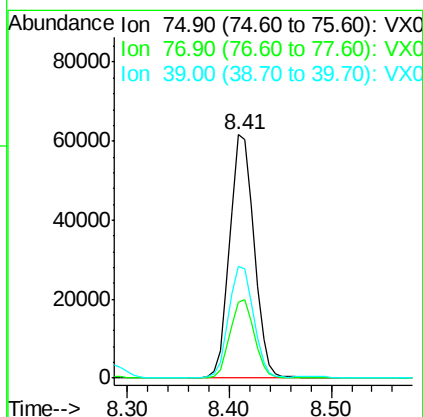
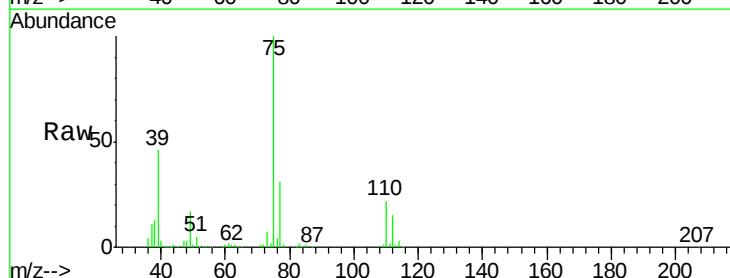
Tgt Ion: 75 Resp: 102005

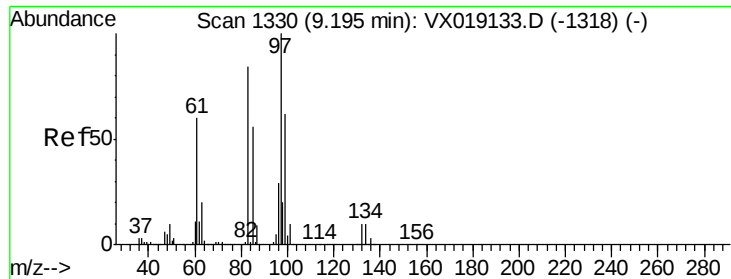
Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

39 45.7 36.2 54.2





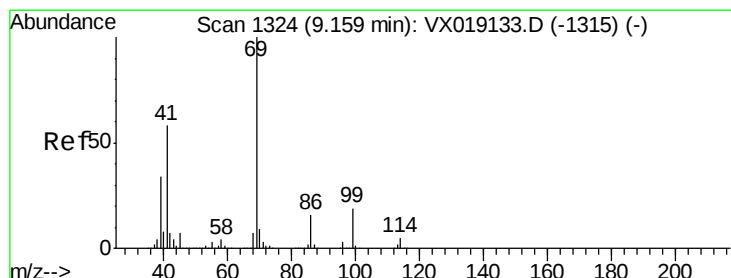
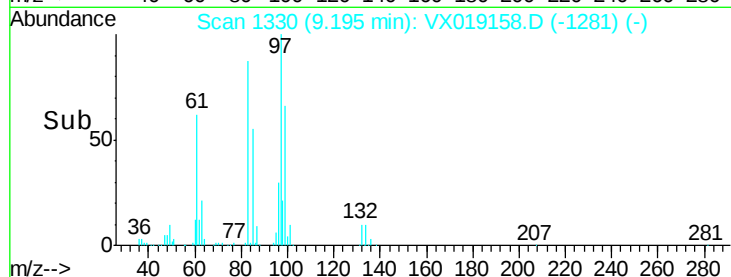
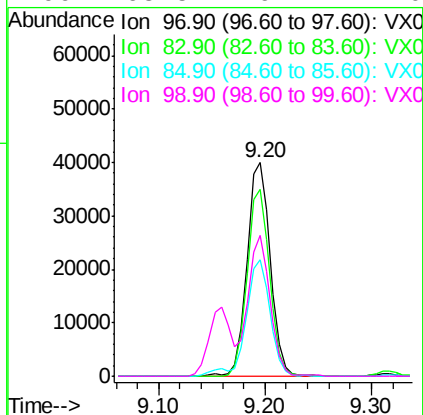
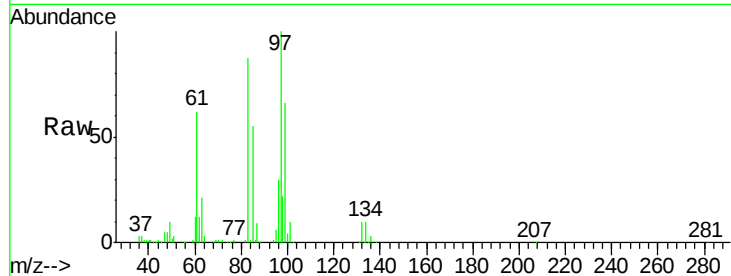
#55
 1,1,2-Trichloroethane
 Concen: 19.380 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Tot Ion:	97	Resp:	61409
Ion	Ratio	Lower	Upper
97	100		
83	87.2	67.2	100.8
85	54.5	44.6	67.0
99	65.5	49.4	74.0

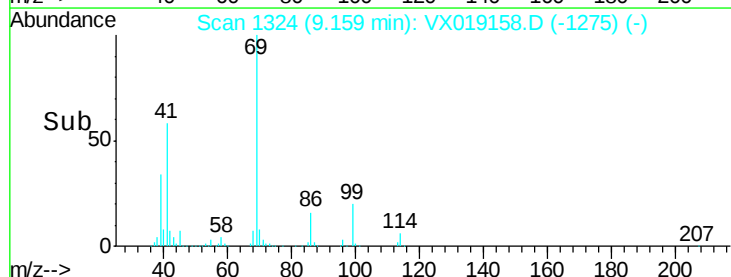
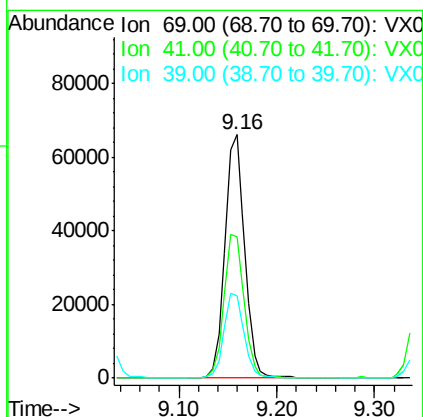
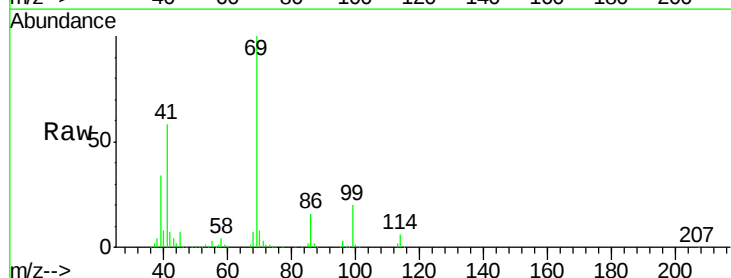
Manual Integrations
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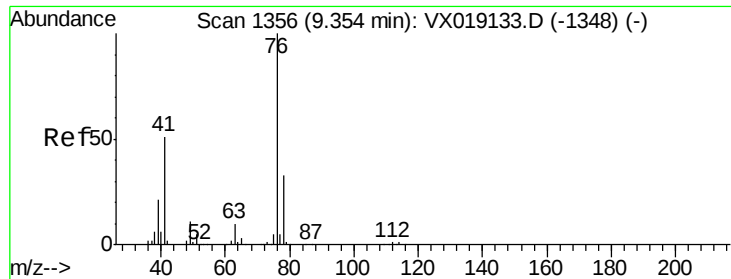
MMDadoda
 10/29/2020 9:45:35 AM



#56
 Ethyl methacrylate
 Concen: 19.334 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

Tgt Ion:	69	Resp:	92535
Ion	Ratio	Lower	Upper
69	100		
41	61.1	46.5	69.7
39	35.1	27.6	41.4





#57

1,3-Dichloropropane

Concen: 19.633 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 76 Resp: 104883

Ion Ratio Lower Upper

76 100

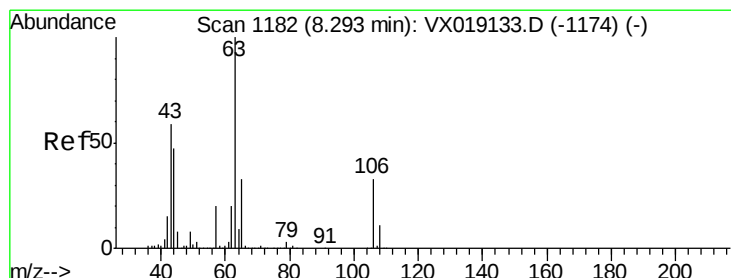
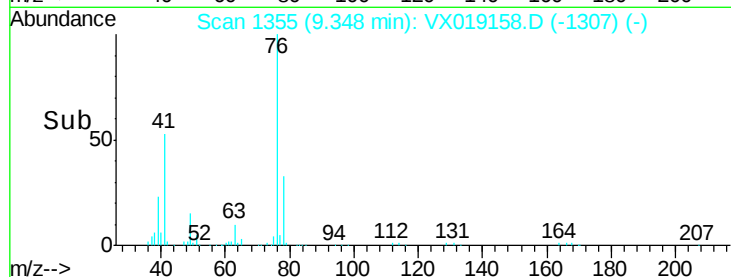
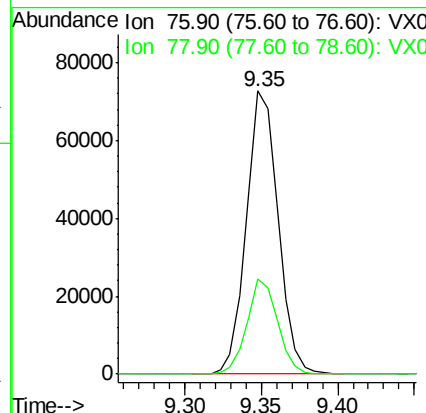
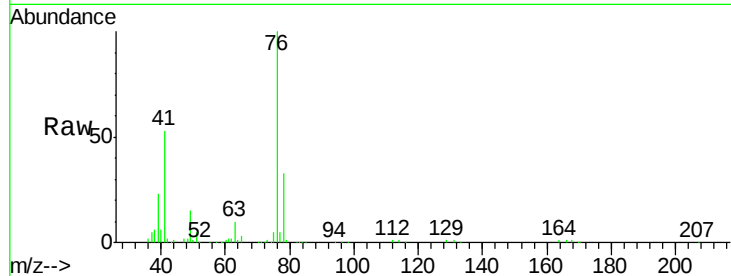
78 32.4 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 96.063 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019158.D

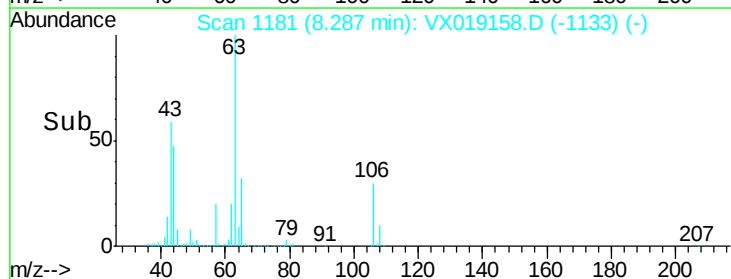
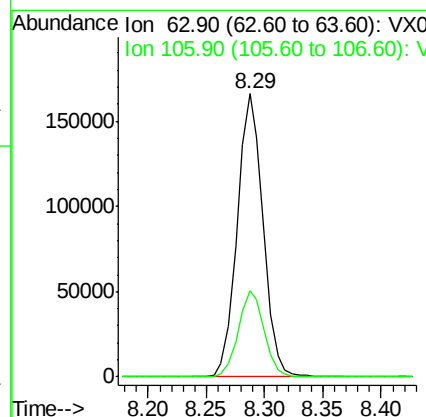
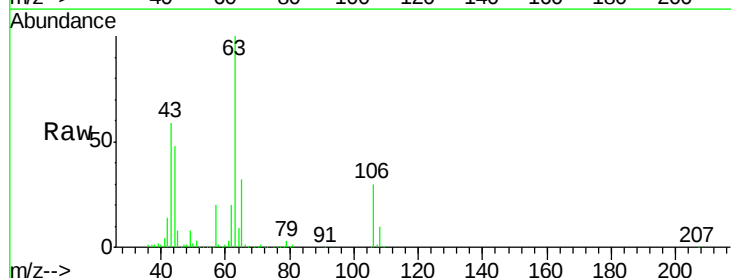
Acq: 28 Oct 2020 12:15

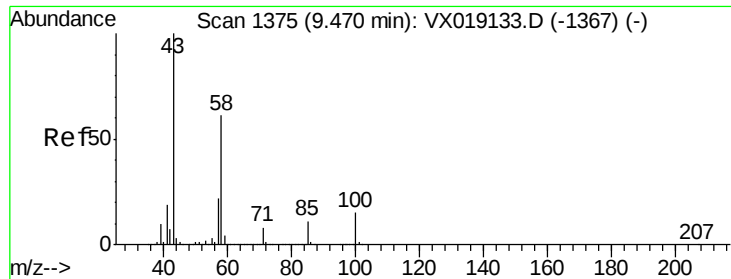
Tgt Ion: 63 Resp: 257128

Ion Ratio Lower Upper

63 100

106 30.4 25.1 37.7





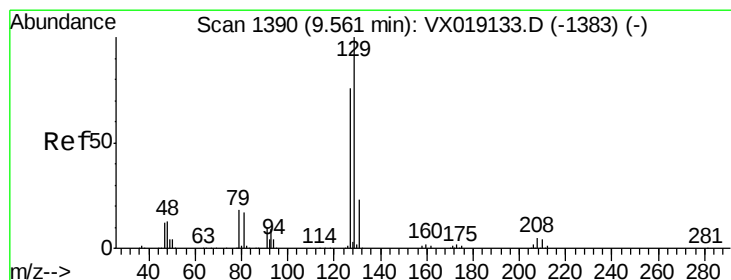
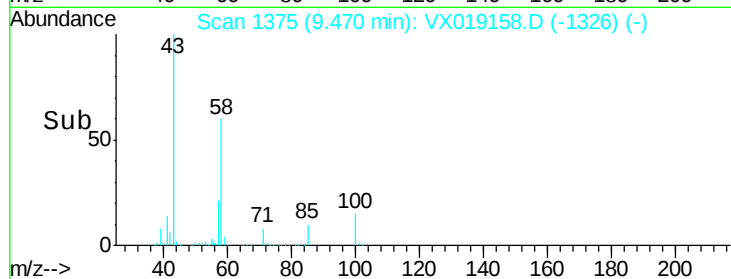
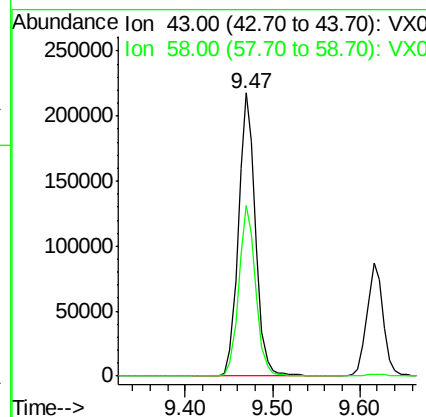
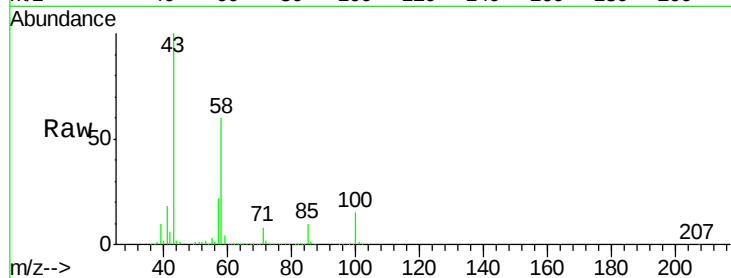
#59
2-Hexanone
Concen: 99.487 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	43	Resp	297169
Ion Ratio	43	100	
Lower	58	60.1	30.5
Upper			91.5

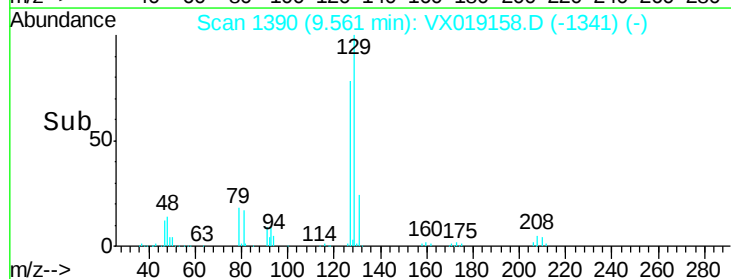
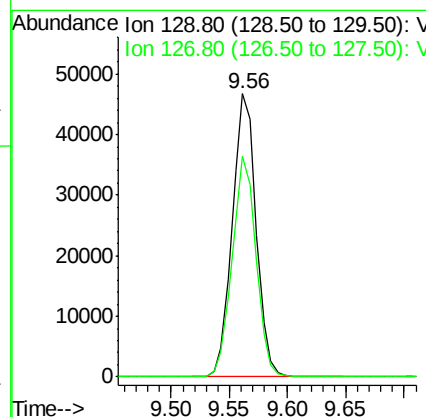
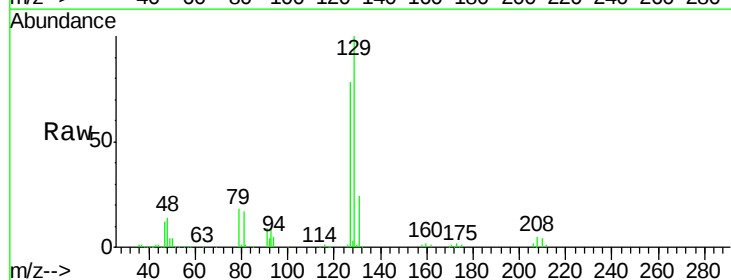
Manual Integrations
APPROVED

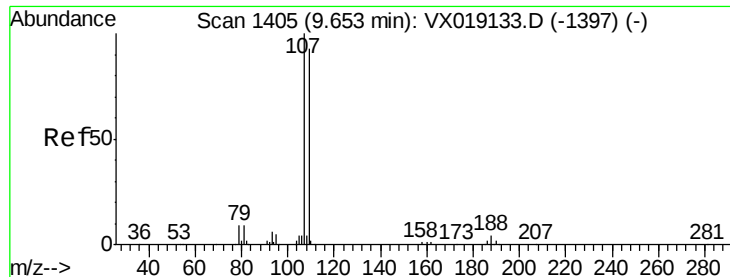
MMDadoda
10/29/2020 9:45:35 AM



#60
Dibromochloromethane
Concen: 19.320 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion	129	Resp	66438
Ion Ratio	129	100	
Lower	127	78.0	38.6
Upper			115.8





#61

1,2-Dibromoethane

Concen: 19.105 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 107 Resp: 64736

Ion Ratio Lower Upper

107 100

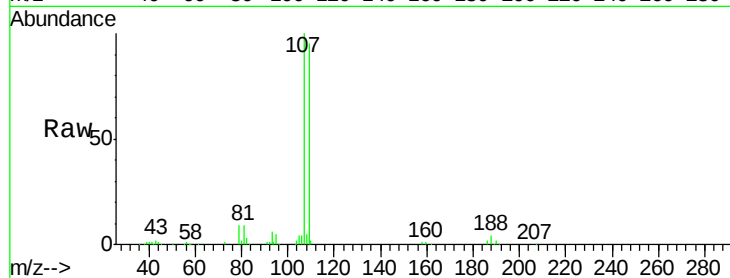
109 95.2 75.9 113.9

Manual Integrations

APPROVED

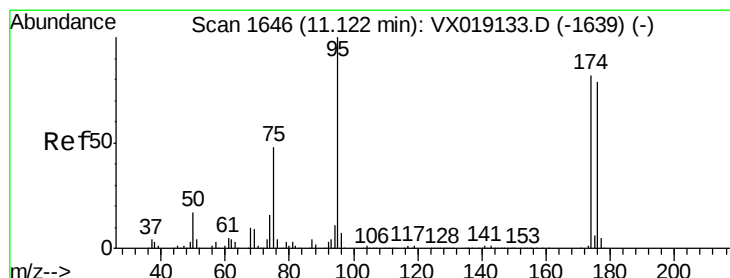
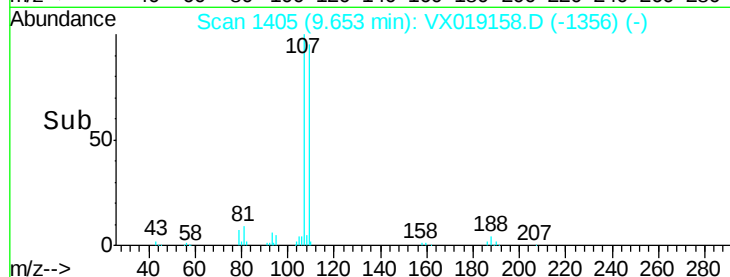
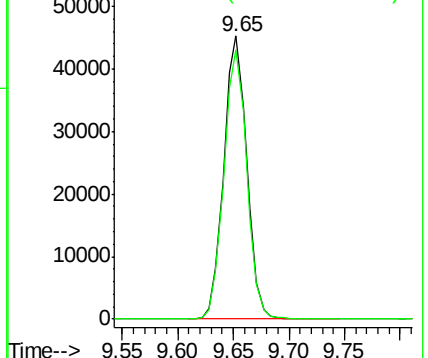
MMDadoda

10/29/2020 9:45:35 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.364 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

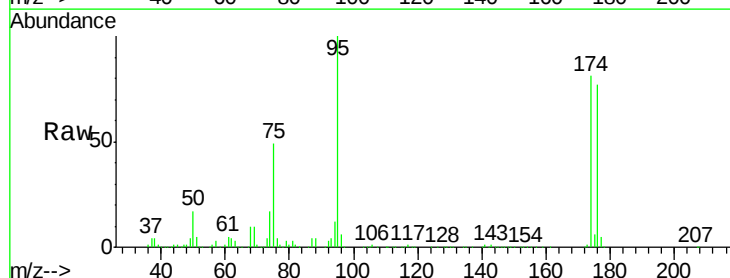
Tgt Ion: 95 Resp: 210516

Ion Ratio Lower Upper

95 100

174 78.0 0.0 156.0

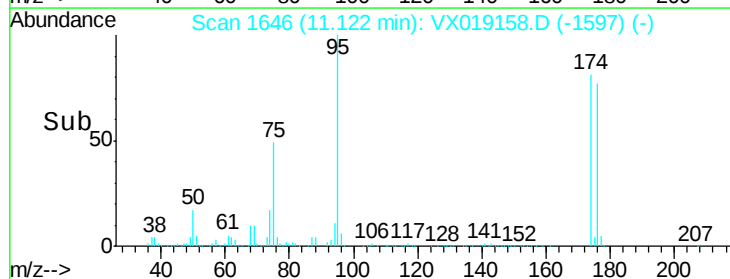
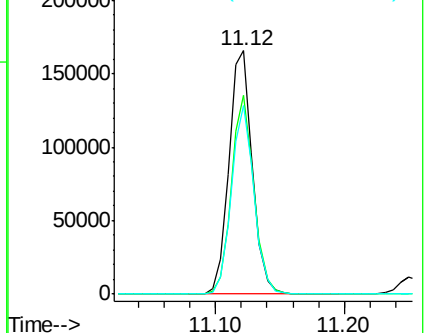
176 74.8 0.0 149.8

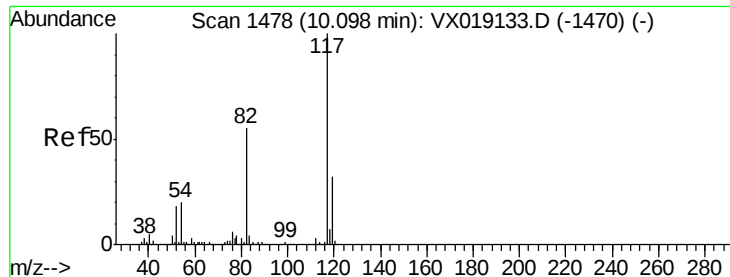


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





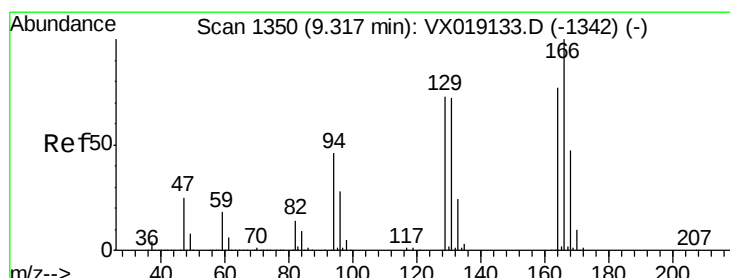
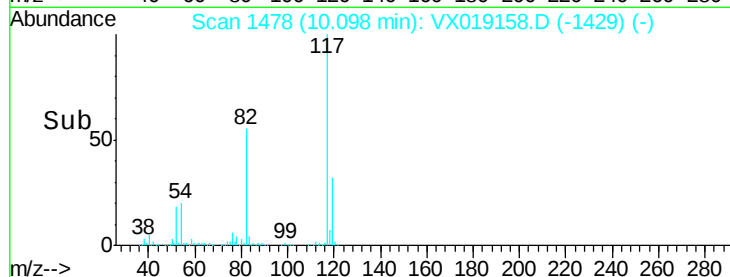
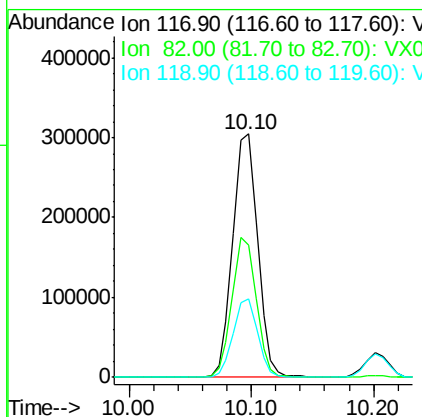
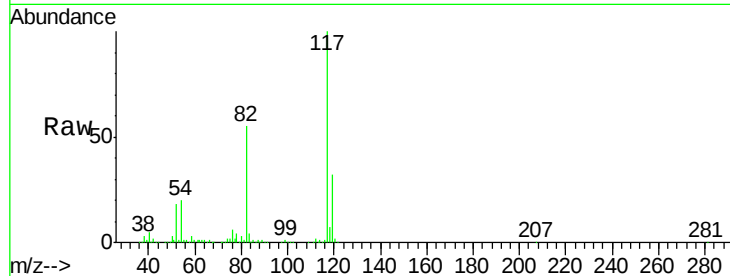
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	430660		
82	54.6		43.6	65.4
119	32.1		25.5	38.3

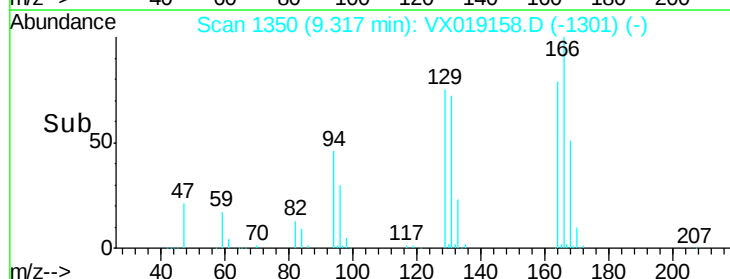
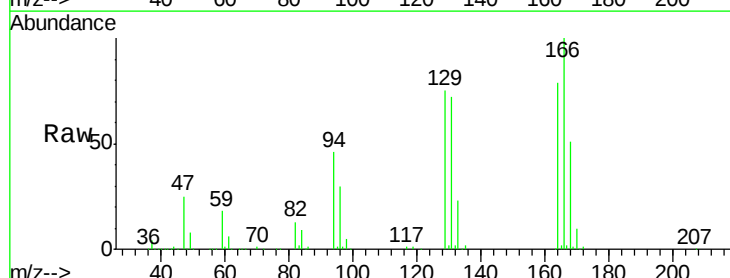
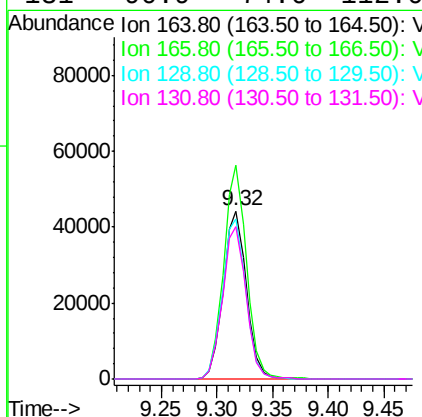
Manual Integrations
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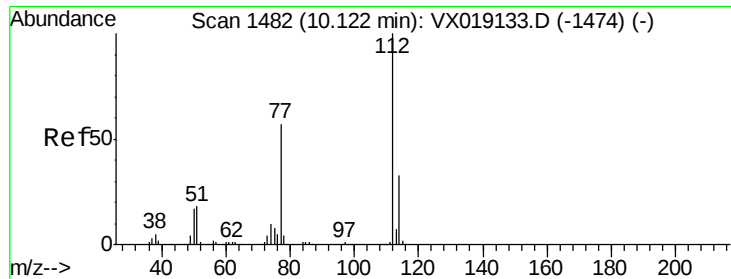
MMDadoda
10/29/2020 9:45:35 AM



#64
Tetrachloroethene
Concen: 19.435 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	63771		
166	126.9		104.1	156.1
129	94.7		76.2	114.4
131	90.9		74.6	112.0





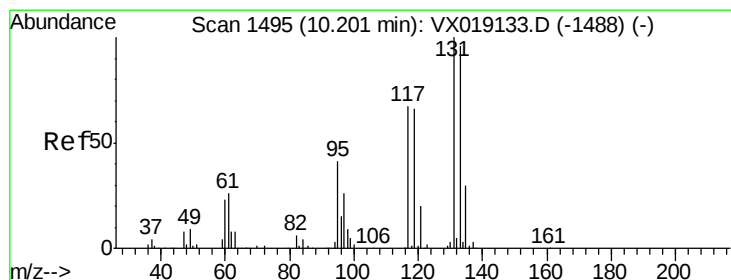
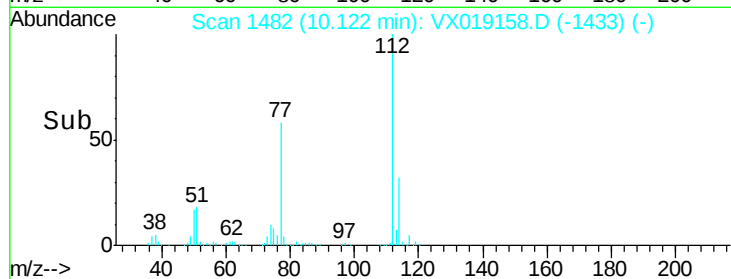
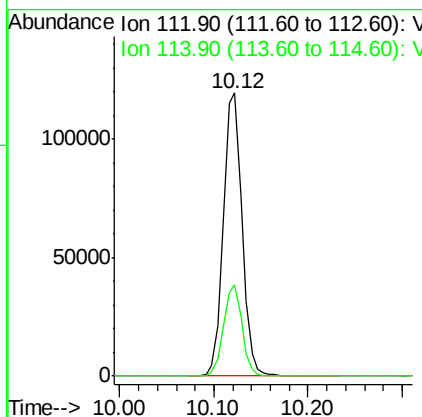
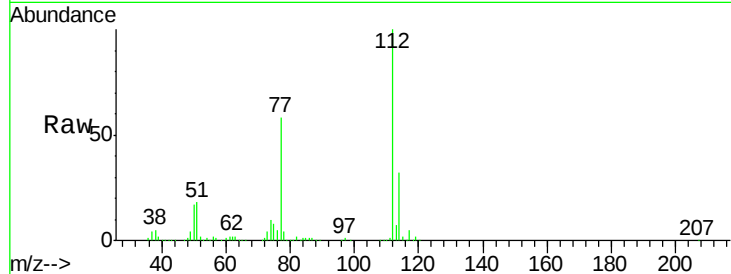
#65
Chlorobenzene
Concen: 18.666 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampled :
VX1028WBS01

Tot Ion:112 Resp: 164303
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1

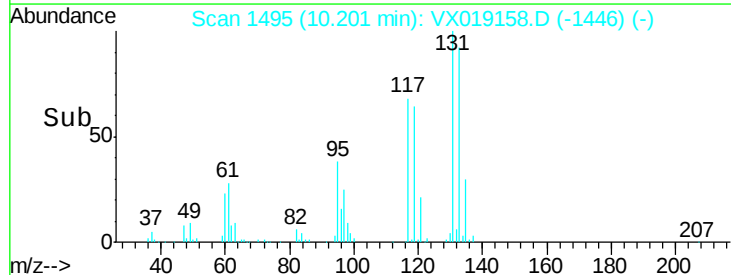
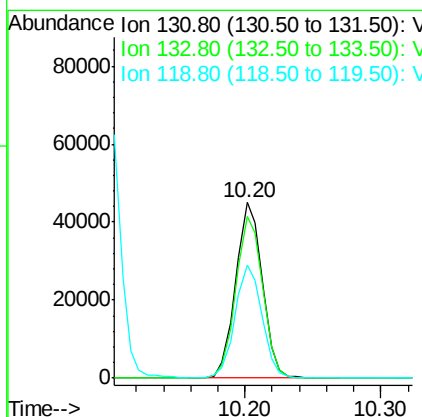
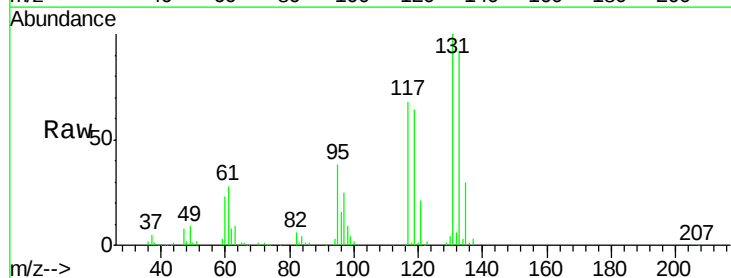
Manual Integrations
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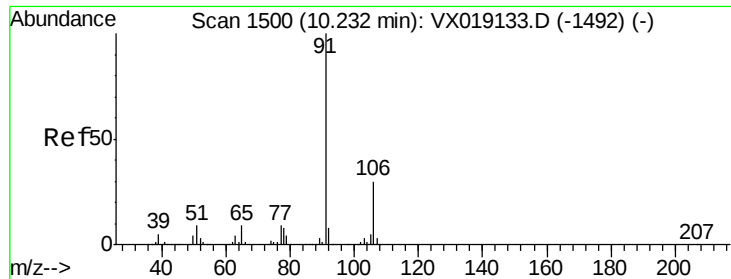
MMDadoda
10/29/2020 9:45:35 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.332 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion:131 Resp: 61260
Ion Ratio Lower Upper
131 100
133 93.3 47.3 141.8
119 65.0 32.3 96.9





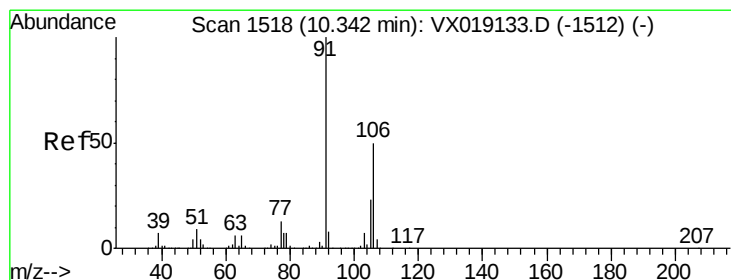
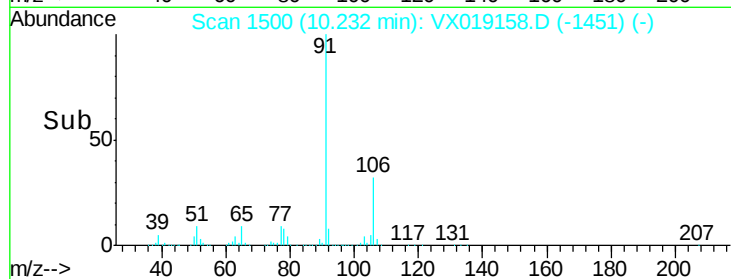
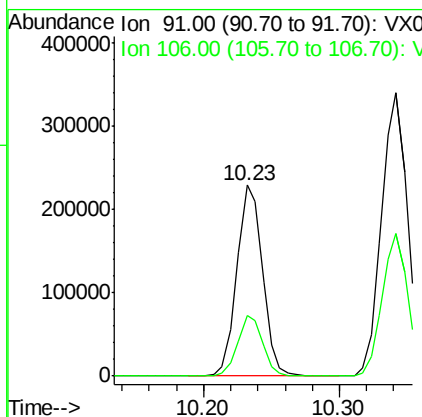
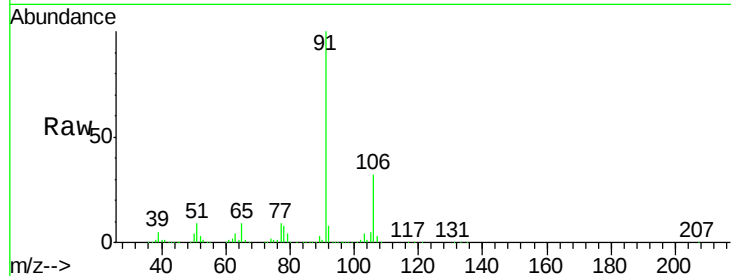
#67
Ethyl Benzene
Concen: 19.206 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.9	24.3	36.5

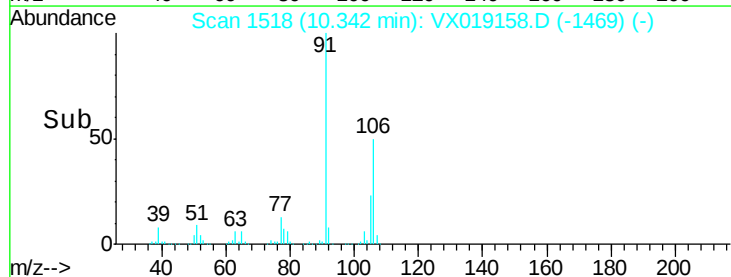
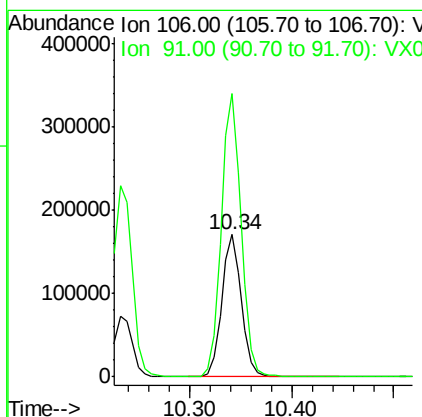
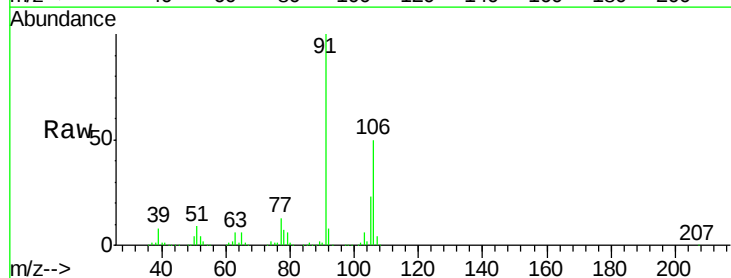
Manual Integrations
APPROVED

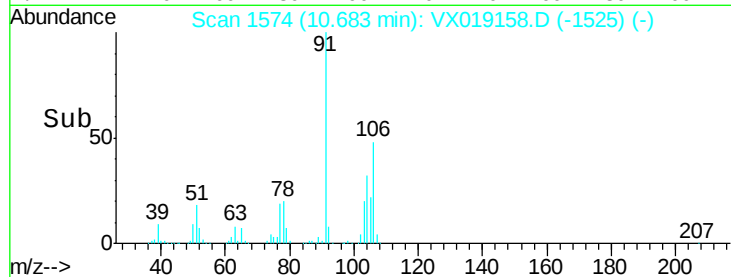
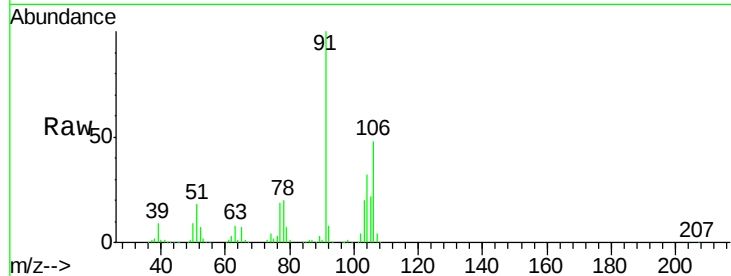
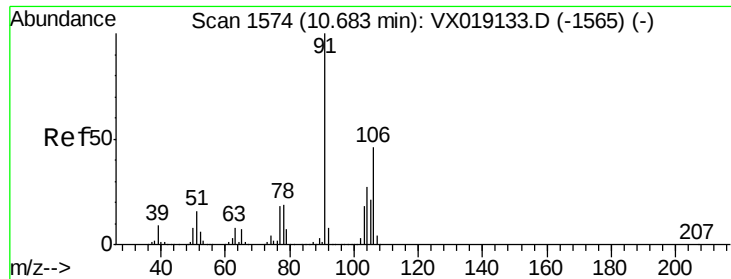
MMDadoda
10/29/2020 9:45:35 AM



#68
m/p-Xylenes
Concen: 38.480 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion	Ratio	Lower	Upper
106	100		
91	202.8	161.0	241.4





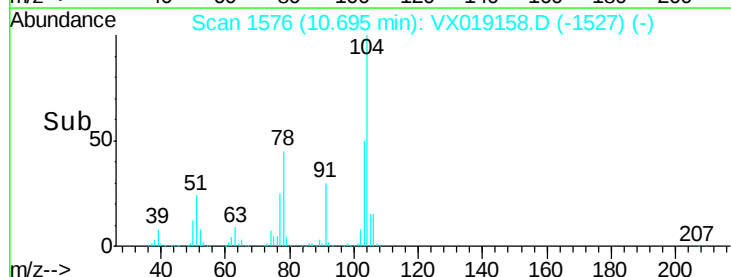
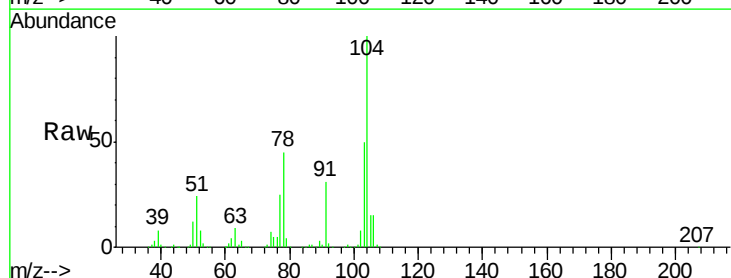
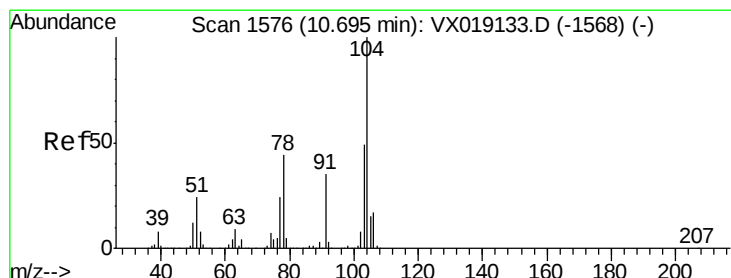
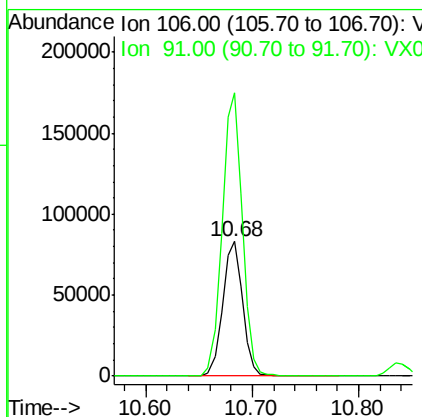
#69
o-Xylene
Concen: 19.492 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tot Ion:106 Resp: 108838
Ion Ratio Lower Upper
106 100
91 211.6 108.3 324.8

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

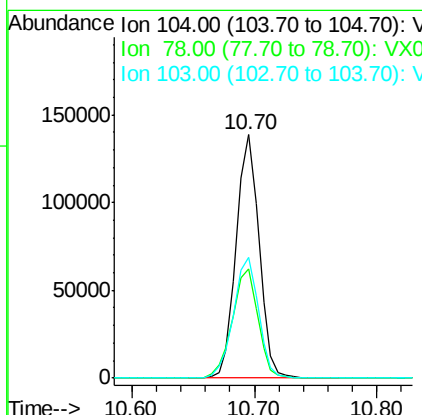
Manual Integrations
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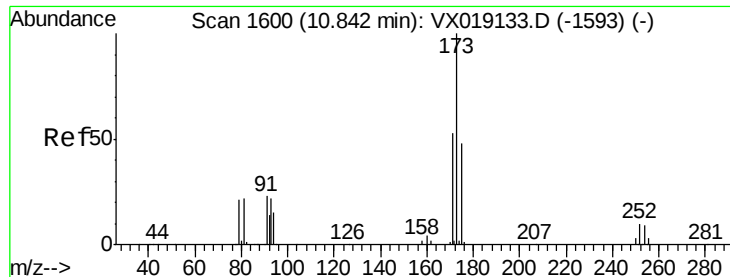
MMDadoda
10/29/2020 9:45:35 AM



#70
Styrene
Concen: 18.874 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion:104 Resp: 179812
Ion Ratio Lower Upper
104 100
78 50.3 40.0 60.0
103 54.4 43.5 65.3





#71

Bromoform

Concen: 17.870 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion:173 Resp: 44897

Ion Ratio Lower Upper

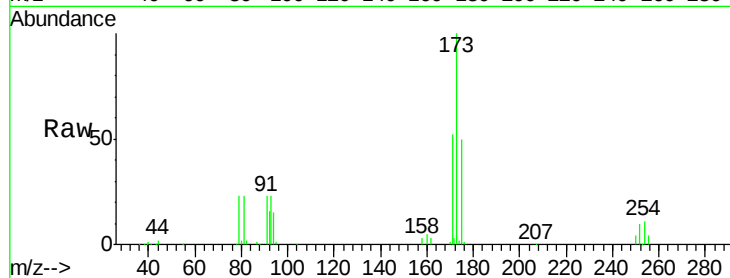
173 100

175 49.5 24.4 73.4

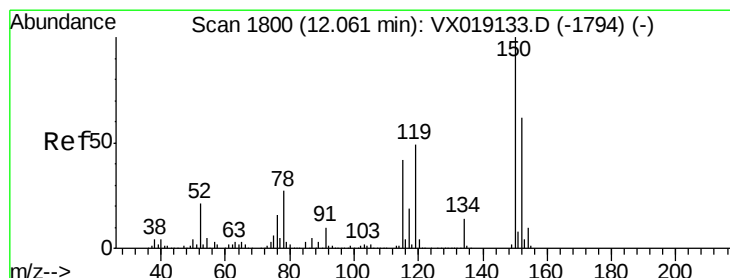
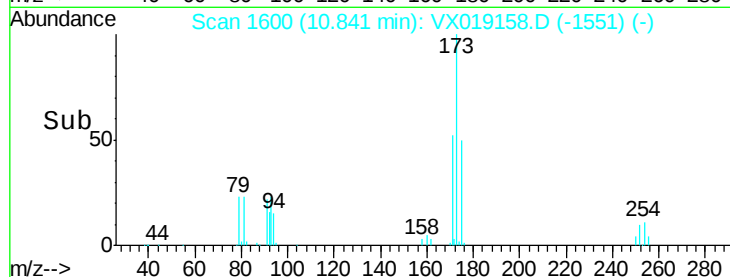
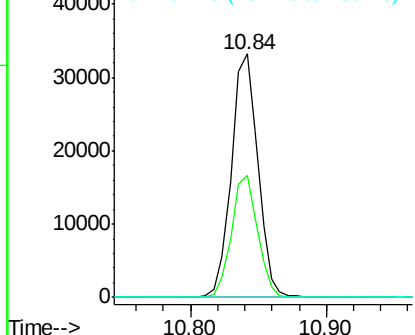
254 0.0 0.1 0.1#

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

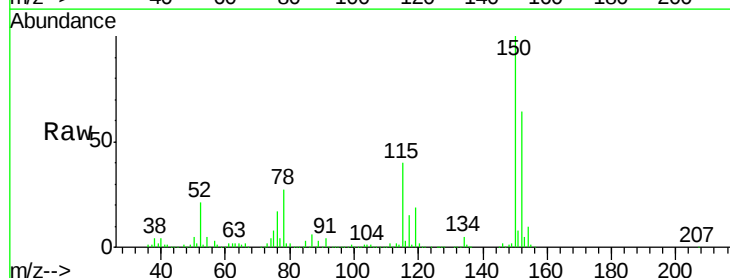
Tgt Ion:152 Resp: 209049

Ion Ratio Lower Upper

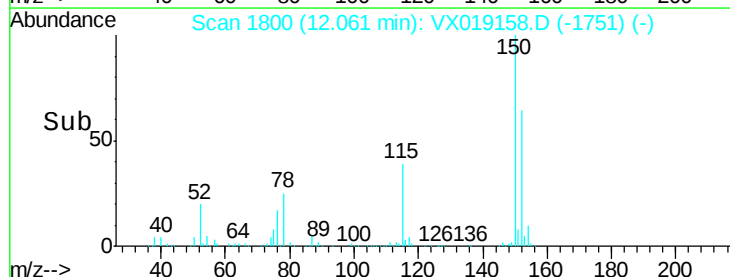
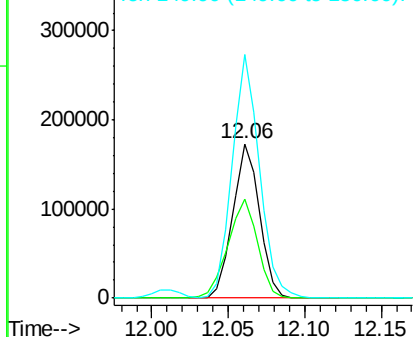
152 100

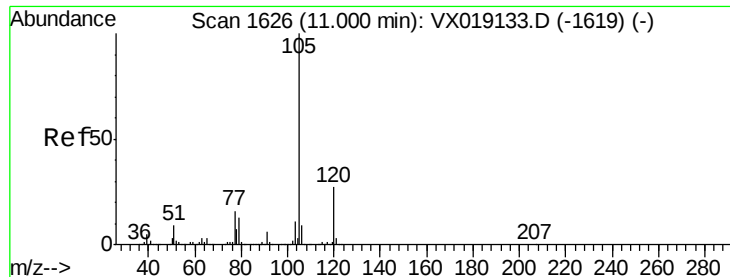
115 70.8 41.9 125.7

150 162.5 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.899 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 105 Resp: 294453

Ion Ratio Lower Upper

105 100

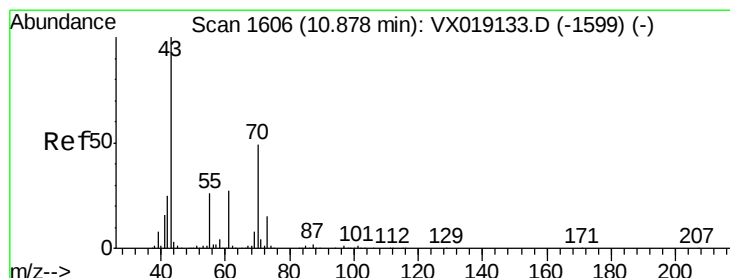
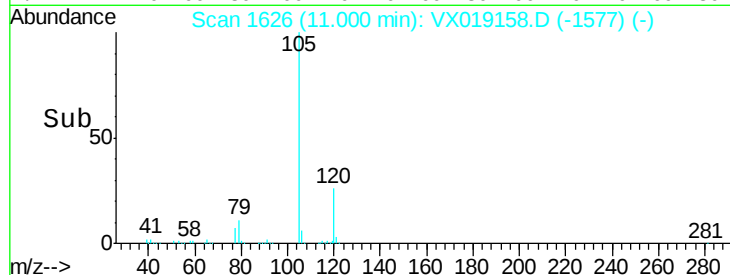
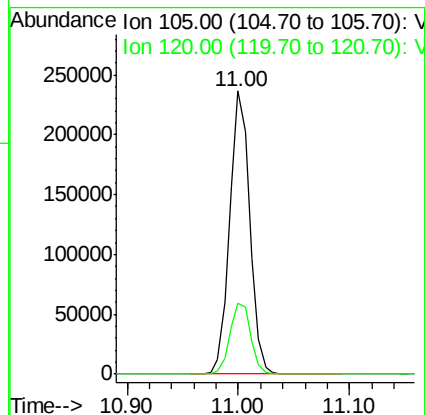
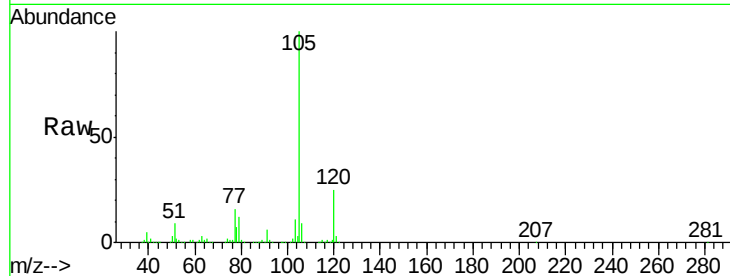
120 26.1 13.3 39.8

Manual Integrations

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10/29/2020 9:45:35 AM



#74

N-ethyl acetate

Concen: 19.685 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Tgt Ion: 43 Resp: 106504

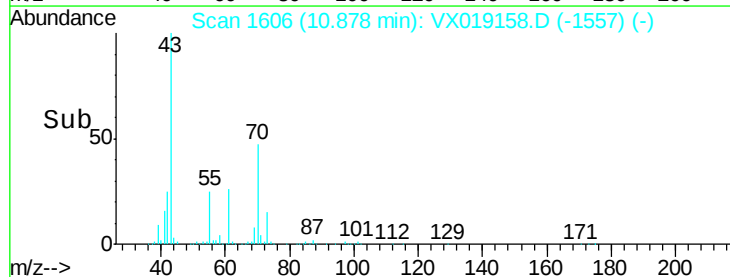
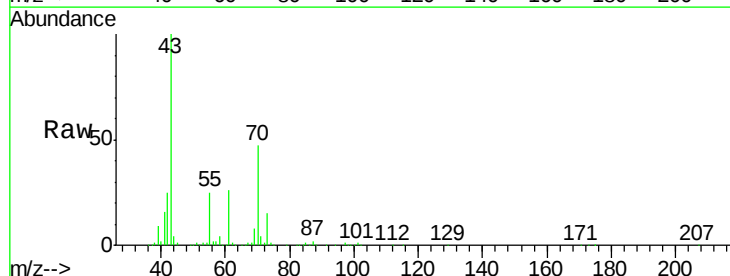
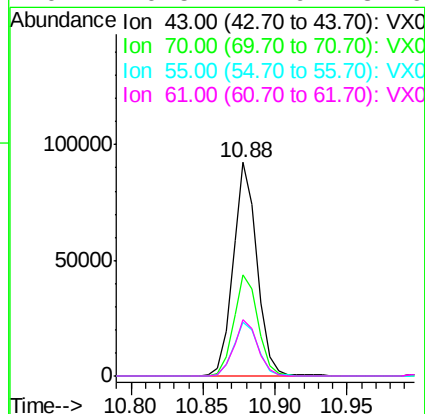
Ion Ratio Lower Upper

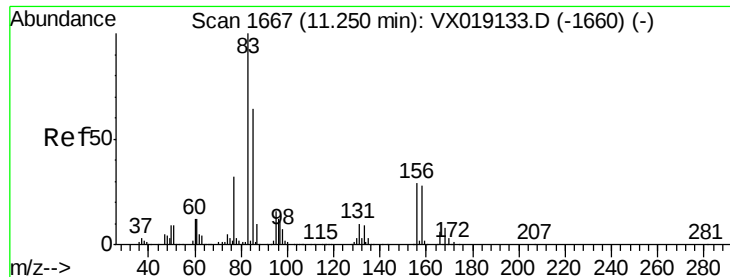
43 100

70 49.0 39.6 59.4

55 26.3 20.7 31.1

61 26.5 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.644 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 83 Resp: 90846

Ion Ratio Lower Upper

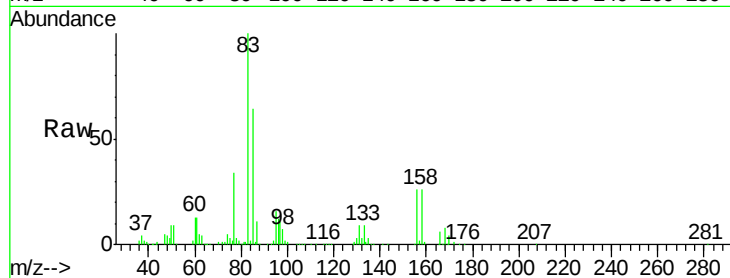
83 100

131 10.4 5.2 15.6

85 64.6 32.1 96.3

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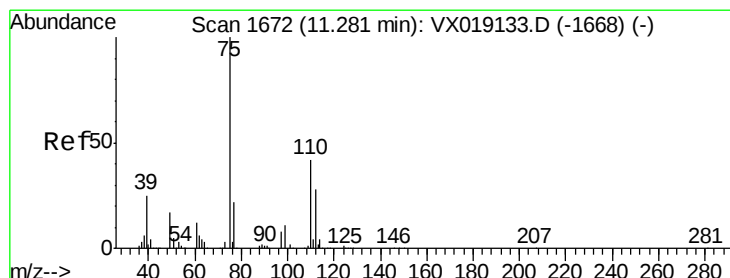
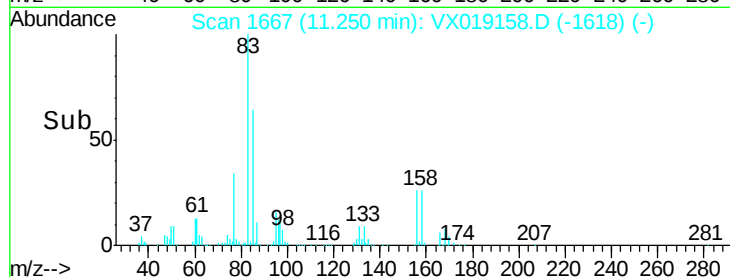
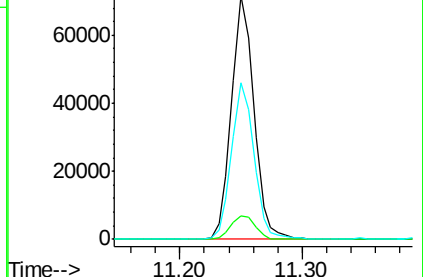
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.051 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019158.D

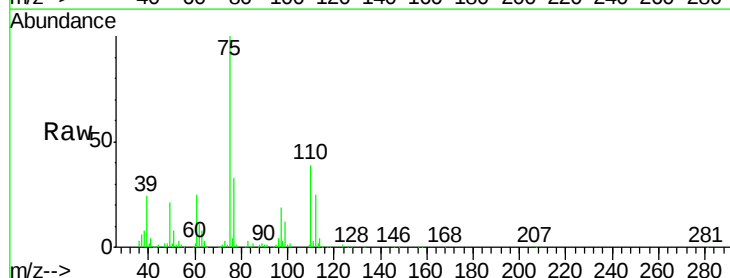
Acq: 28 Oct 2020 12:15

Tgt Ion: 75 Resp: 86548

Ion Ratio Lower Upper

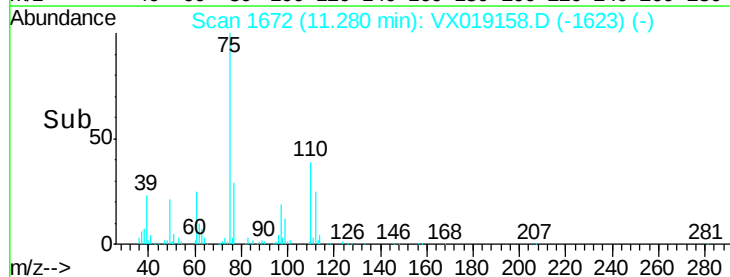
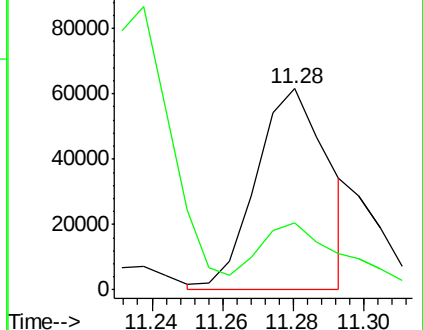
75 100

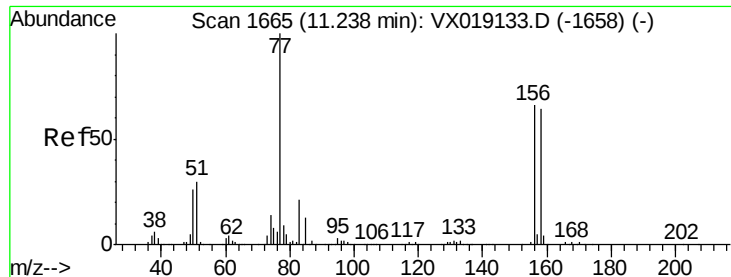
77 39.4 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.030 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

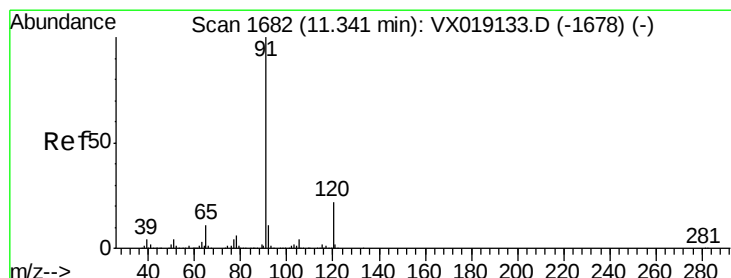
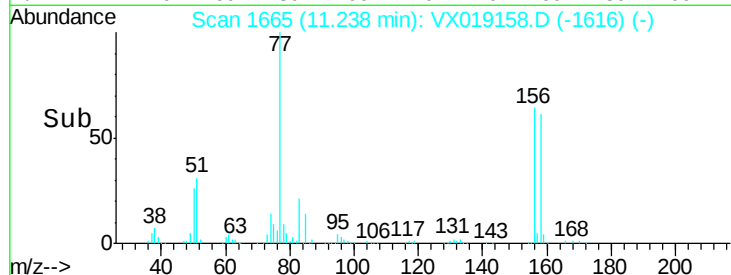
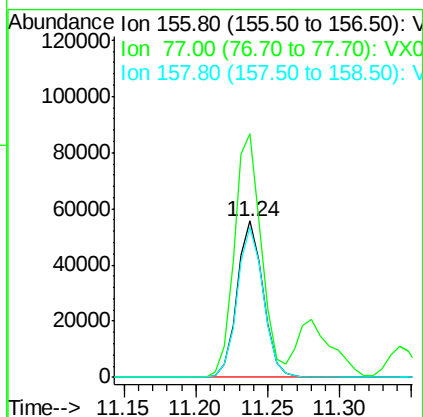
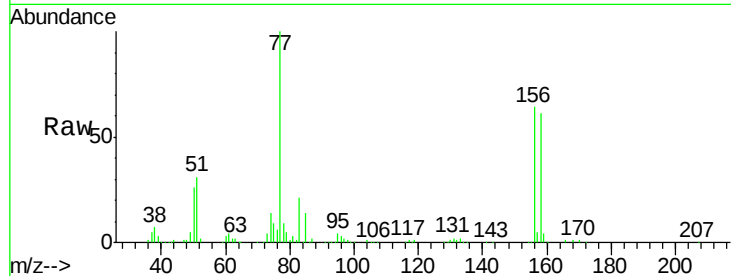
ClientSampleId :

VX1028WBS01

Tot Ion:	156	Resp:	69889
Ion	Ratio	Lower	Upper
156	100		
77	163.4	77.7	233.1
158	96.6	48.3	144.8

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#78

n-propylbenzene

Concen: 19.784 ug/l

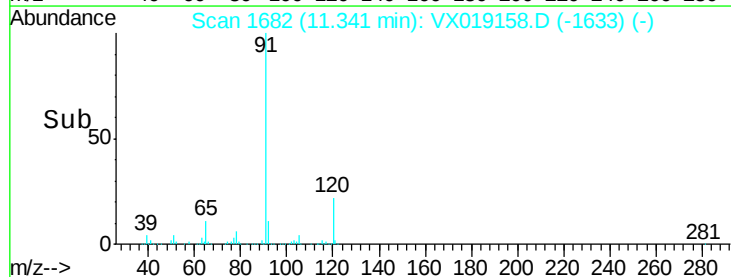
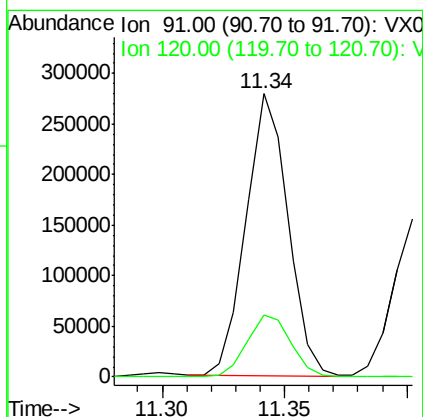
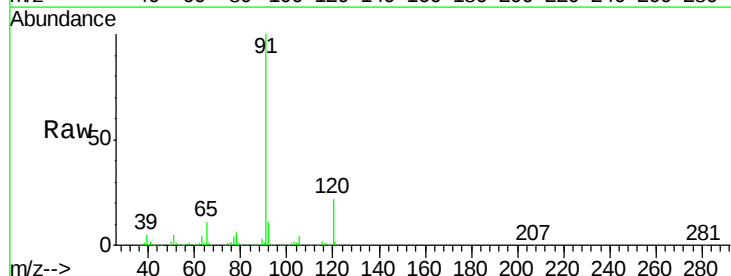
RT: 11.34 min Scan# 1682

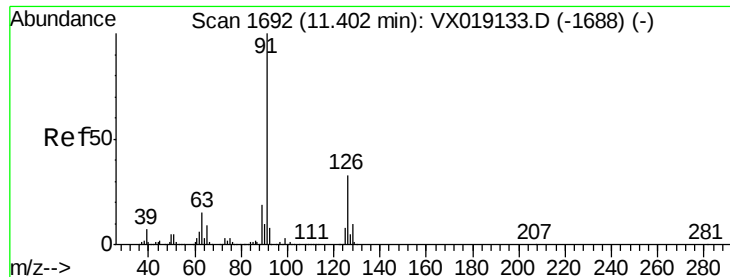
Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Tgt Ion:	91	Resp:	334189
Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.7	35.0





#79

2-Chlorotoluene

Concen: 19.709 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 91 Resp: 196004

Ion Ratio Lower Upper

91 100

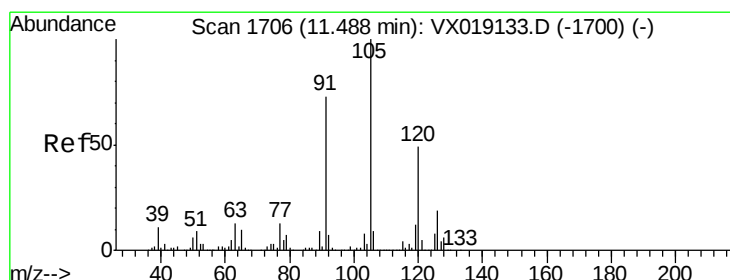
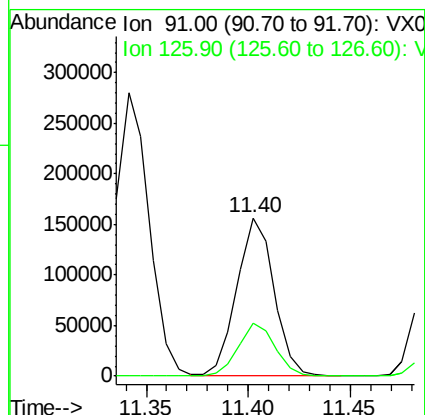
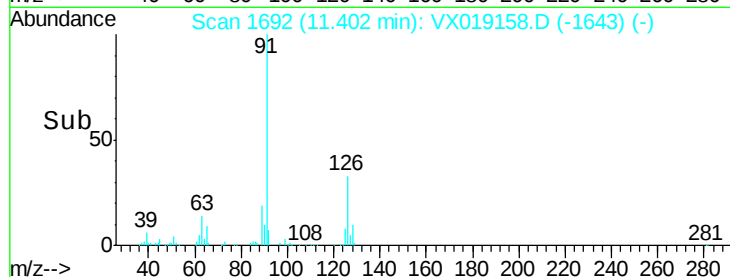
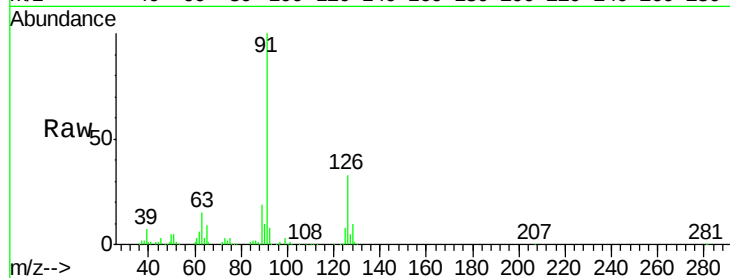
126 33.4 16.9 50.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.780 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019158.D

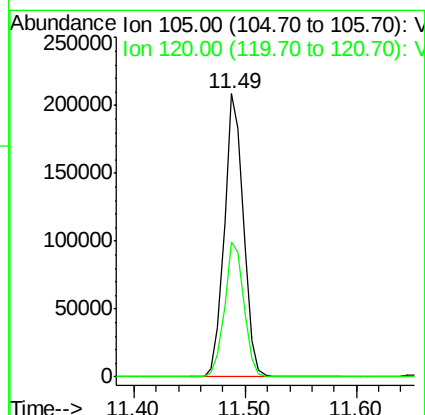
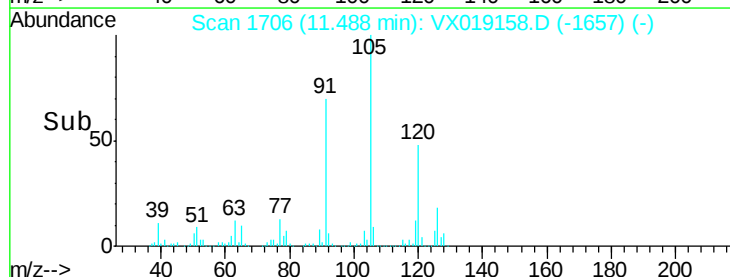
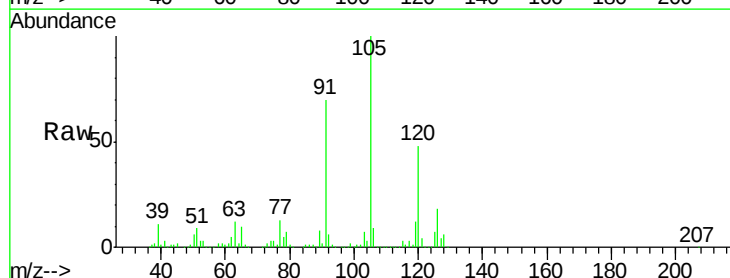
Acq: 28 Oct 2020 12:15

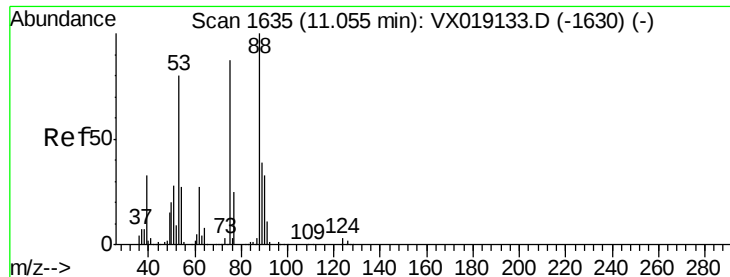
Tgt Ion: 105 Resp: 247267

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.846 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 75 Resp: 29256

Ion Ratio Lower Upper

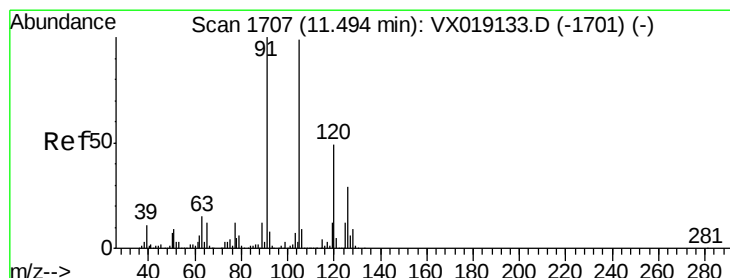
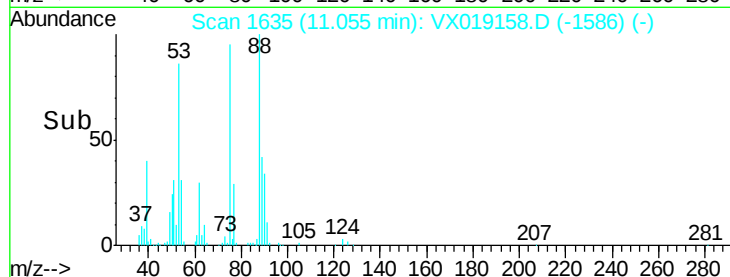
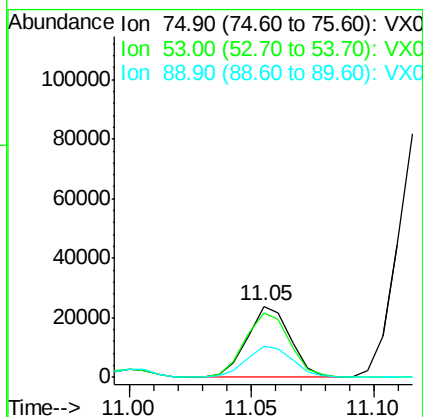
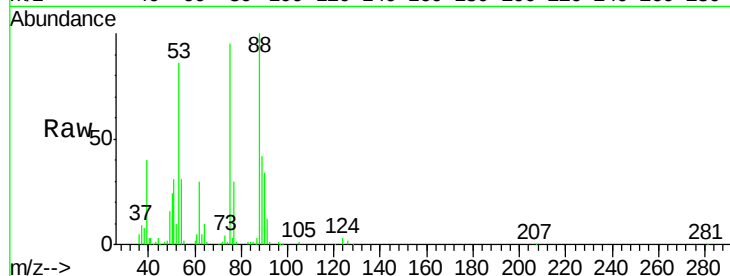
75 100

53 94.4 73.3 109.9

89 47.3 38.2 57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.178 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019158.D

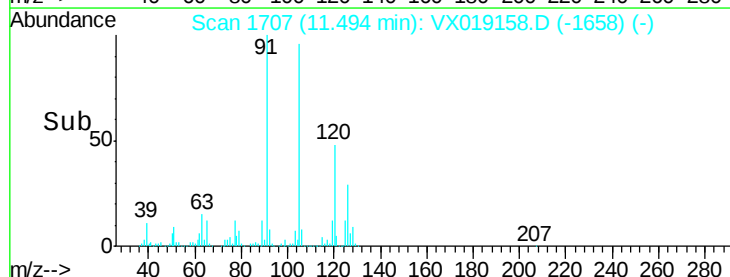
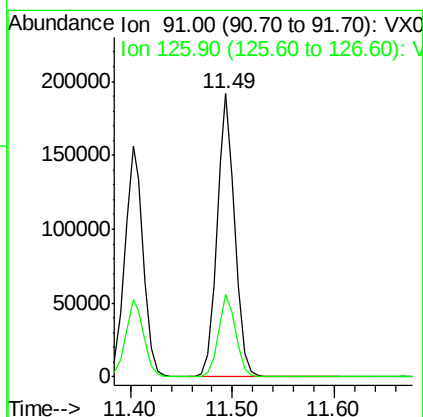
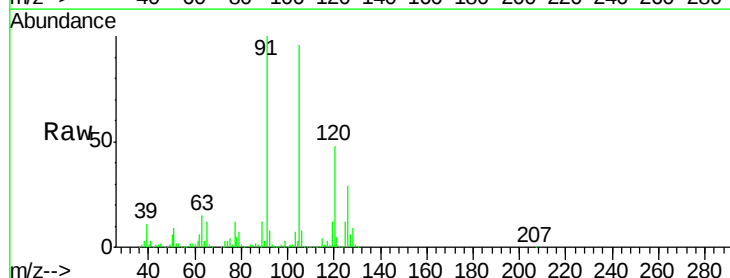
Acq: 28 Oct 2020 12:15

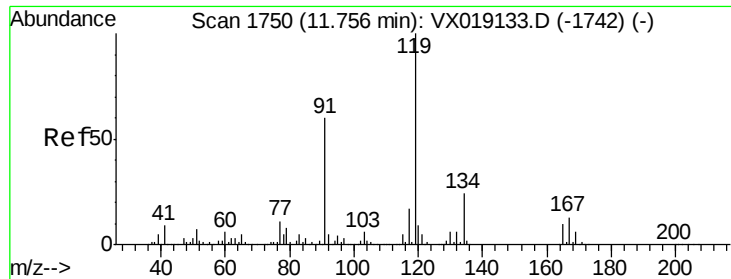
Tgt Ion: 91 Resp: 232901

Ion Ratio Lower Upper

91 100

126 28.7 14.8 44.4





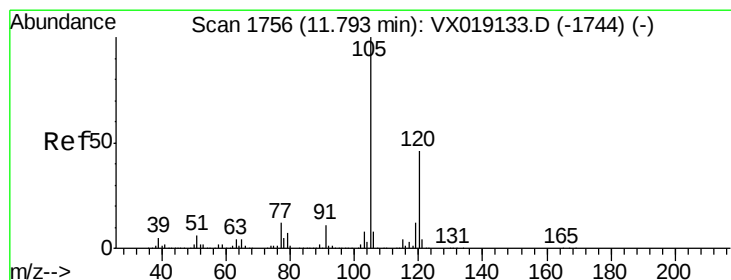
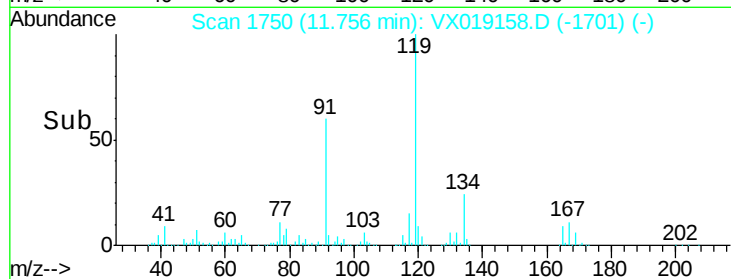
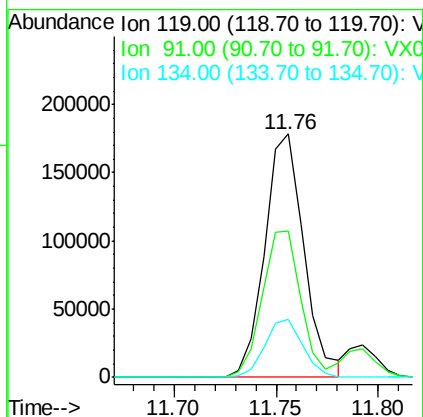
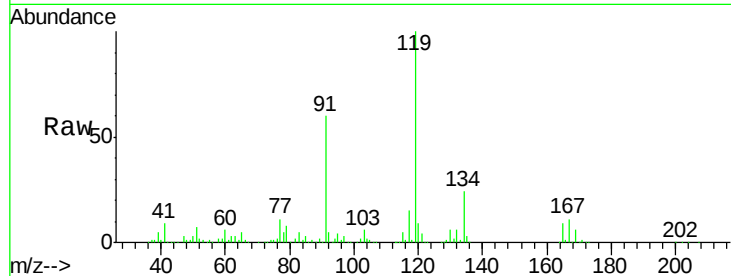
#83
tert-Butylbenzene
Concen: 19.979 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	239140		
91	58.8	29.0	87.1	
134	23.1	11.7	35.0	

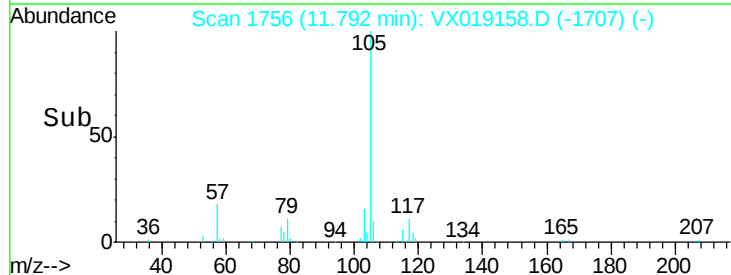
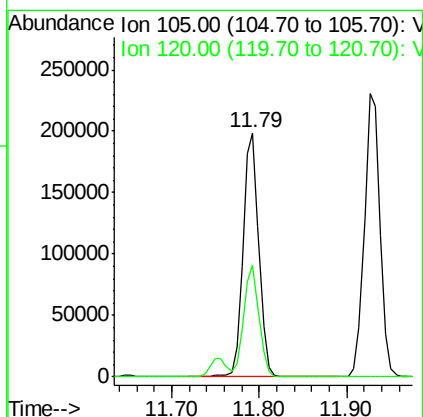
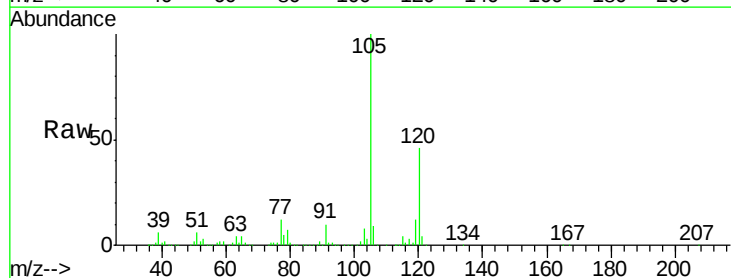
Manual Integrations
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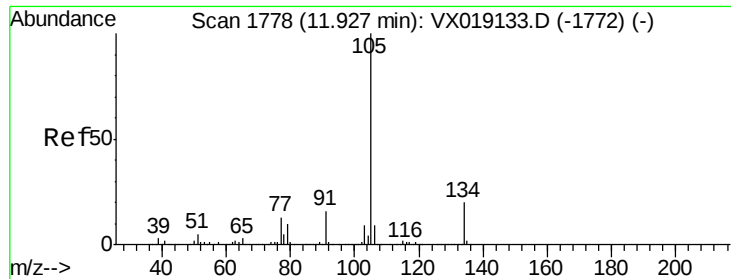
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.668 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	248214		
120	44.3	22.4	67.3	





#85

sec-Butylbenzene

Concen: 20.007 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion:105 Resp: 287224

Ion Ratio Lower Upper

105 100

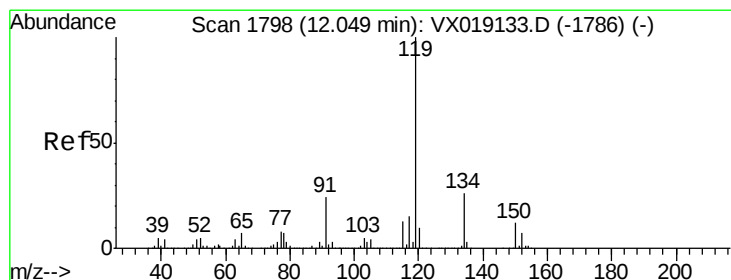
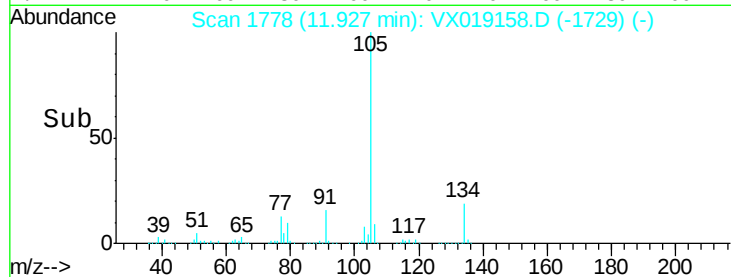
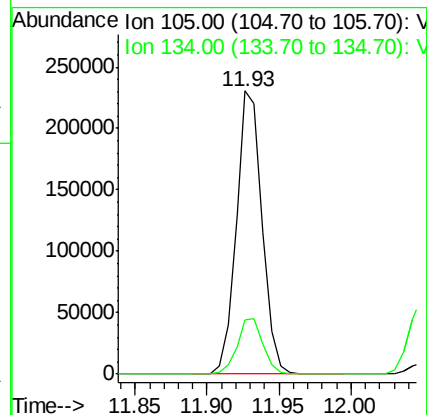
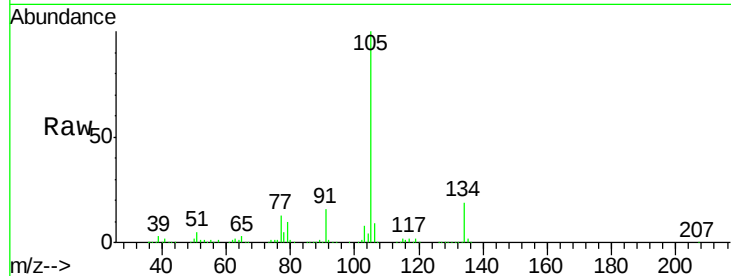
134 19.6 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 19.869 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

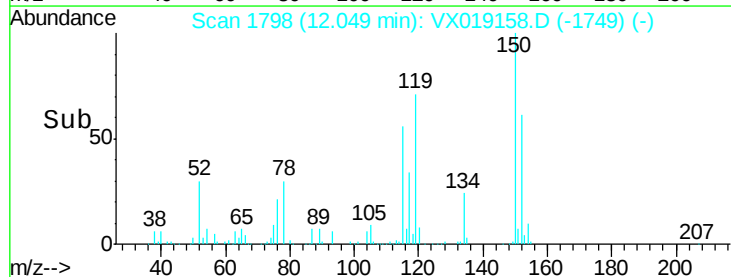
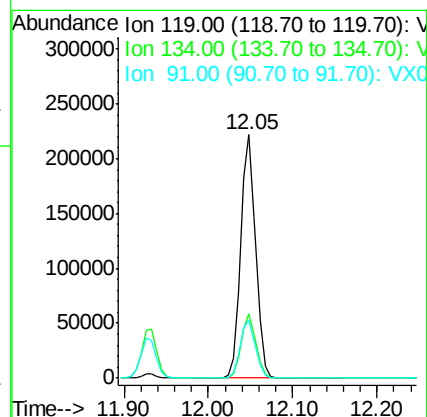
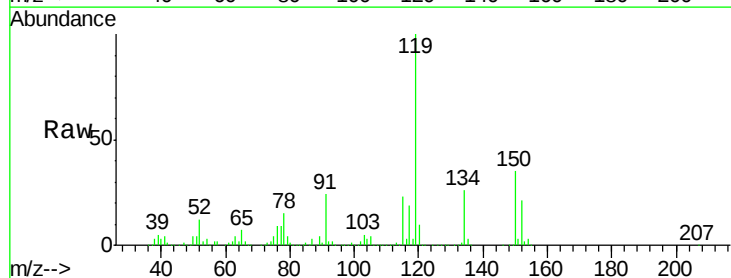
Tgt Ion:119 Resp: 263278

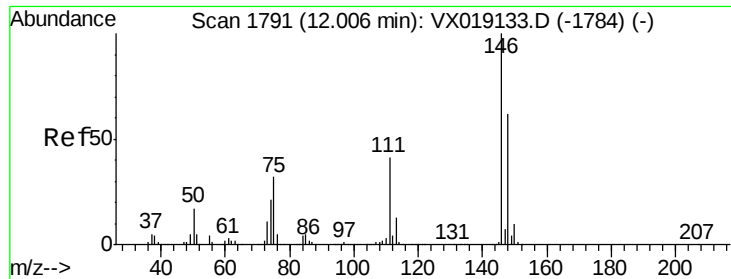
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 24.4 12.0 36.0





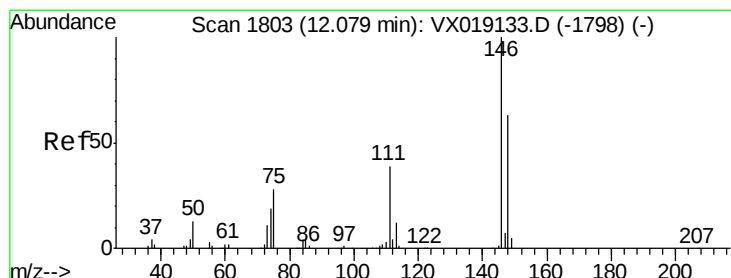
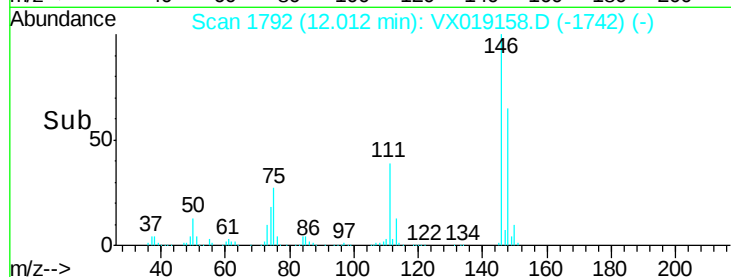
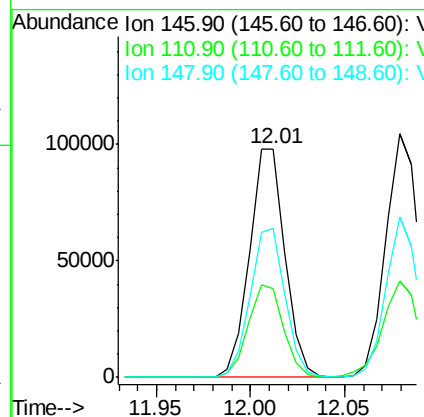
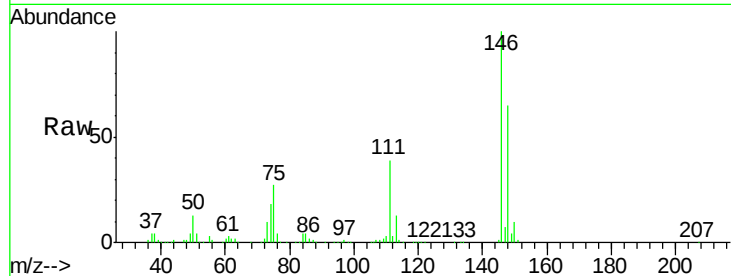
#87
 1,3-Dichlorobenzene
 Concen: 18.704 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

Instrument :
 MSVOA_X
 ClientSampled :
 VX1028WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.4	61.2
148	64.6	31.6	94.8

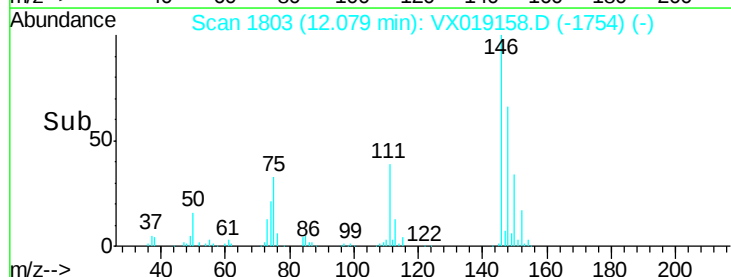
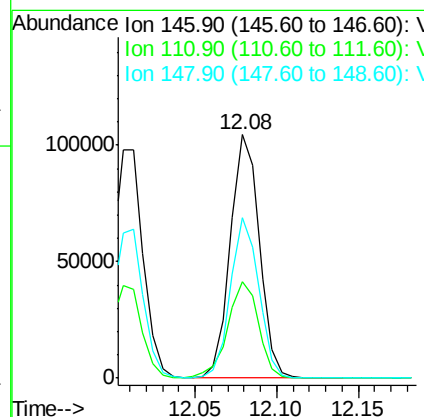
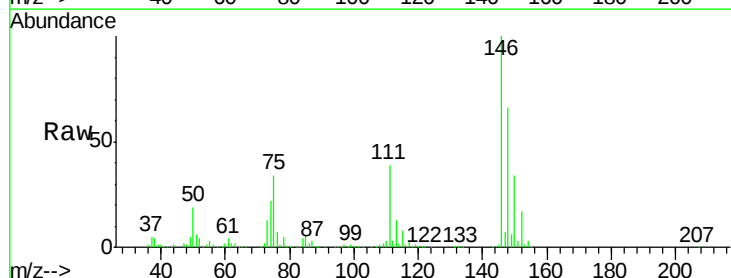
Manual Integrations
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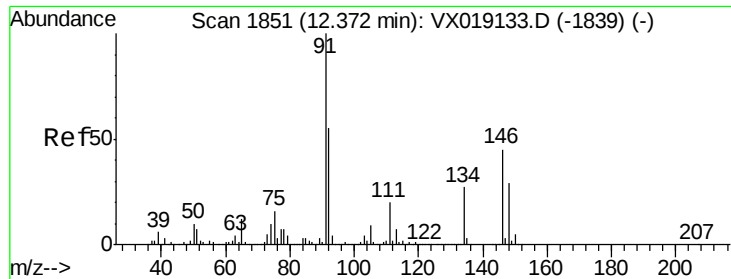
MMDadoda
 10/29/2020 9:45:35 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.181 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.2	60.5
148	64.6	31.3	93.8





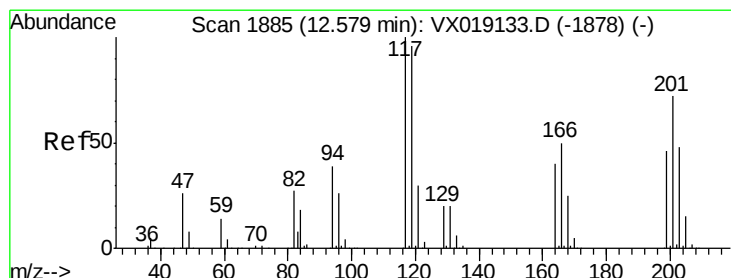
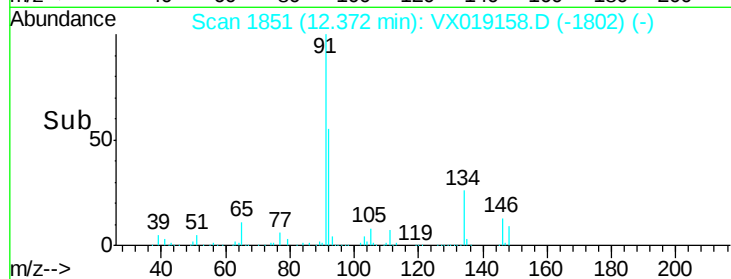
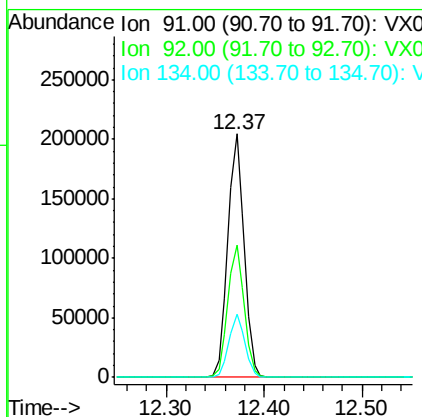
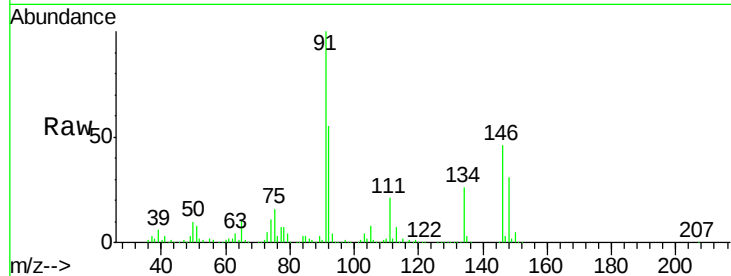
#89
n-Butylbenzene
Concen: 19.072 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	237541		
92	54.4	27.5	82.4	
134	25.6	13.2	39.6	

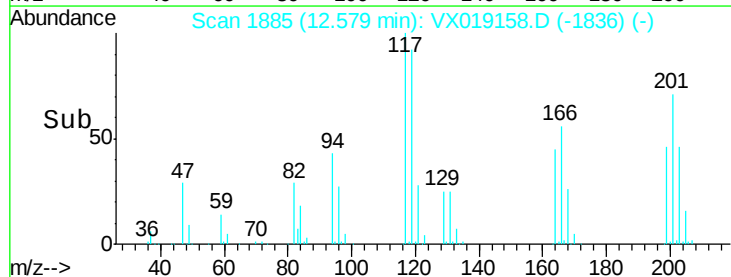
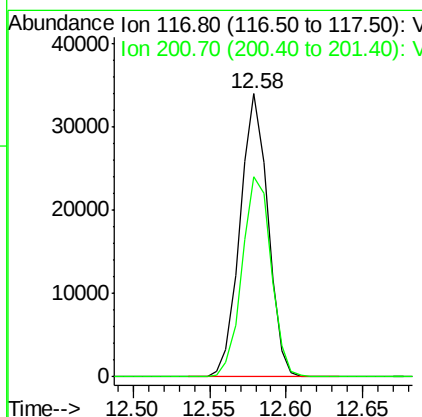
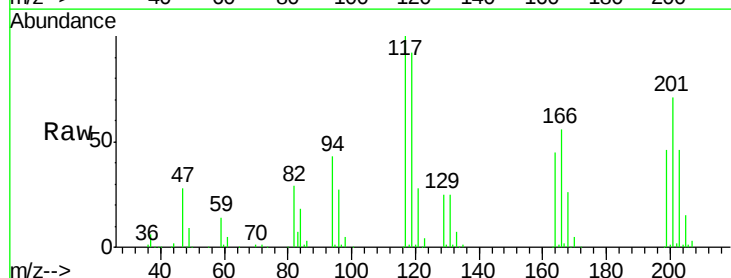
Manual Integrations
APPROVED

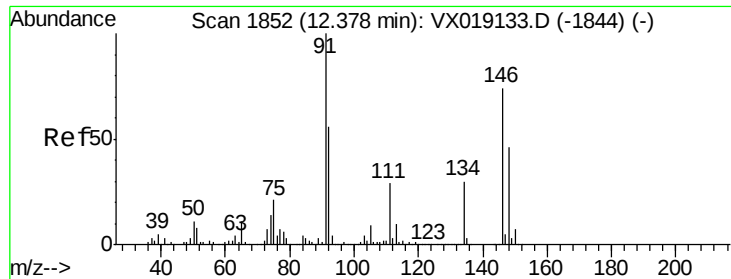
MMDadoda
10/29/2020 9:45:35 AM



#90
Hexachloroethane
Concen: 19.072 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	42954		
201	73.7	38.5	115.3	





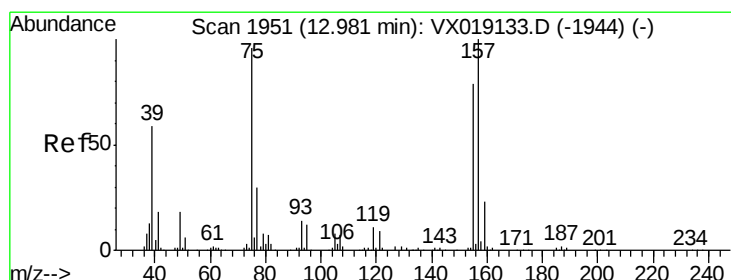
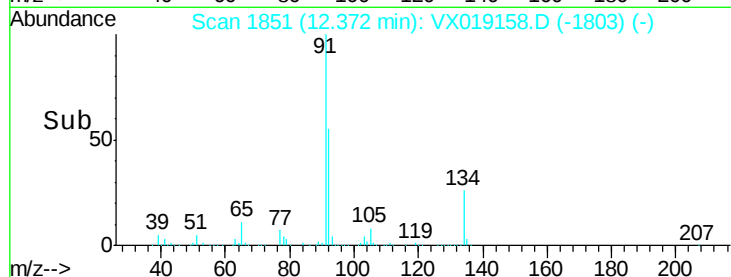
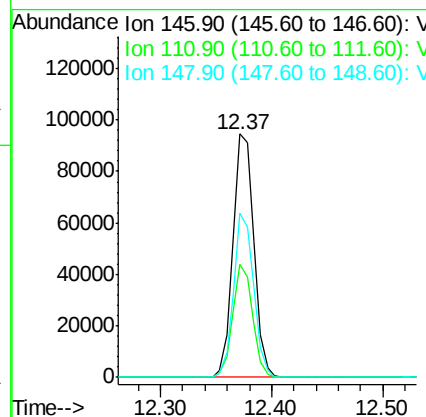
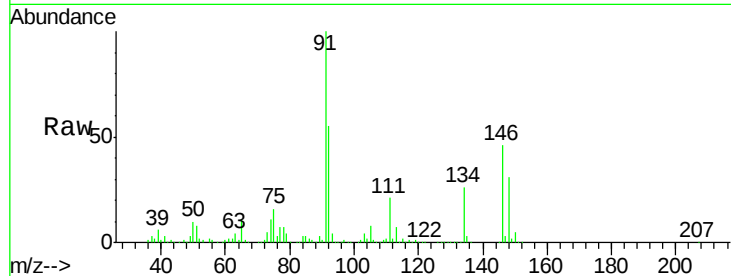
#91
 1,2-Dichlorobenzene
 Concen: 18.683 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.2	63.6
148	64.6	31.6	94.7

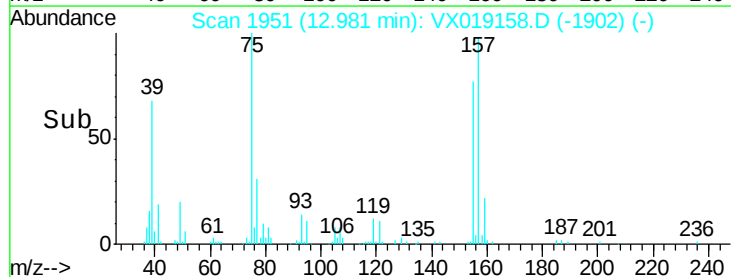
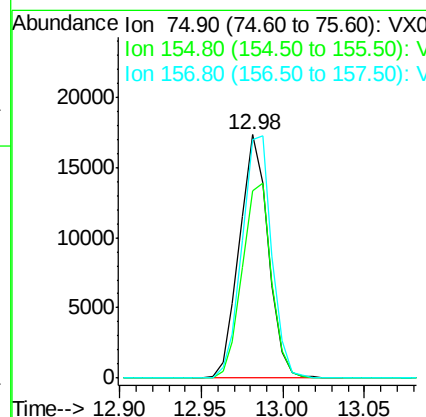
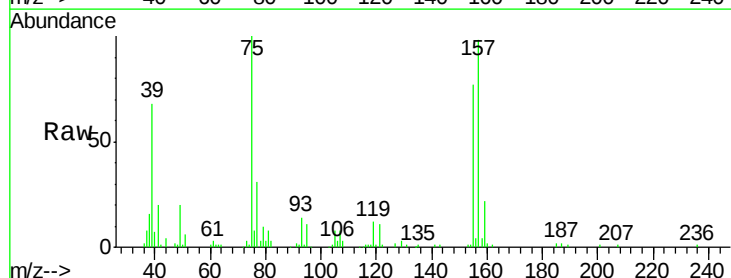
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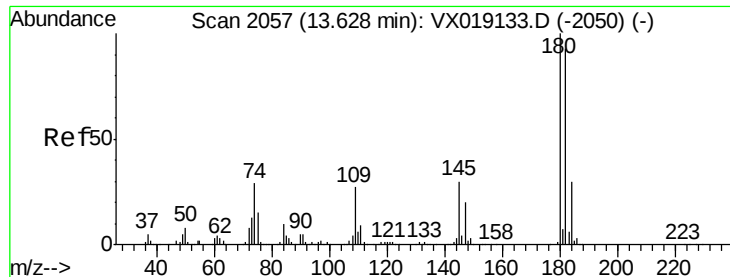
MMDadoda
 10/29/2020 9:45:35 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.871 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.2	42.8	128.4
157	102.9	54.8	164.4





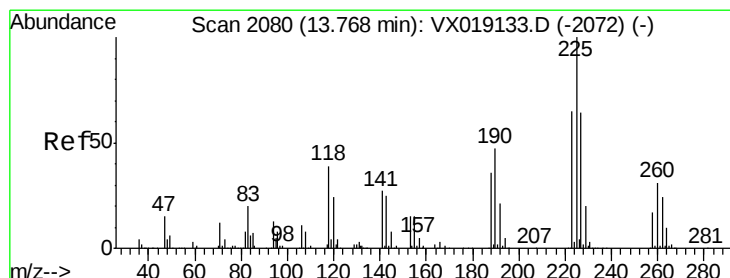
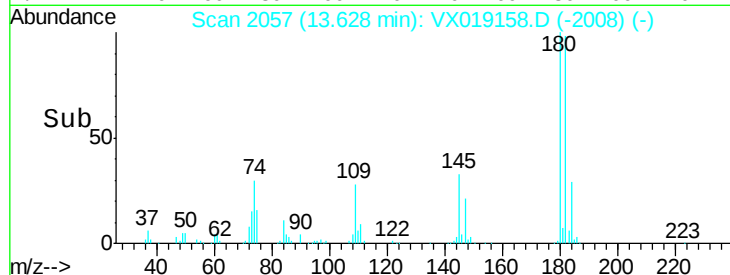
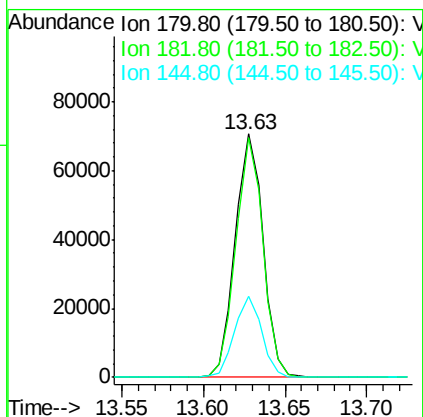
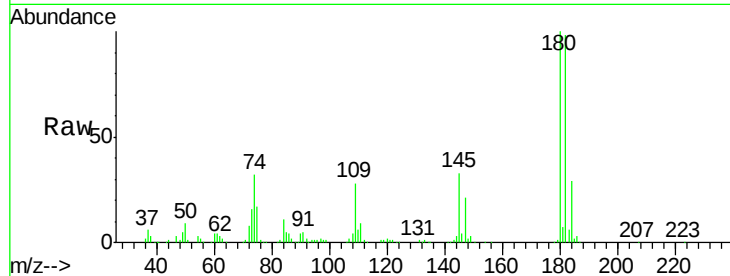
#93
1,2,4-Trichlorobenzene
Concen: 17.088 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	84295		
182	96.0	46.8	140.3	
145	32.4	15.5	46.5	

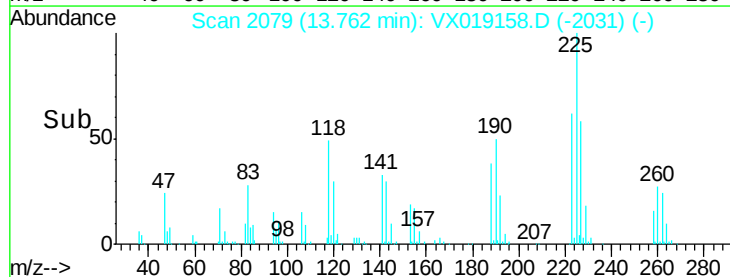
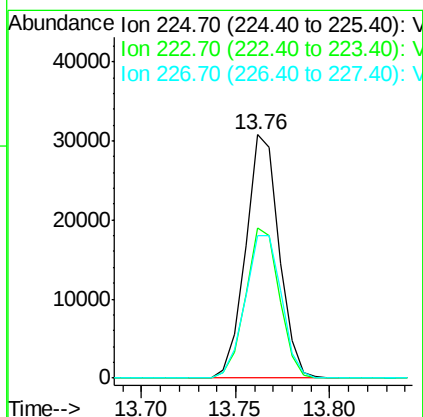
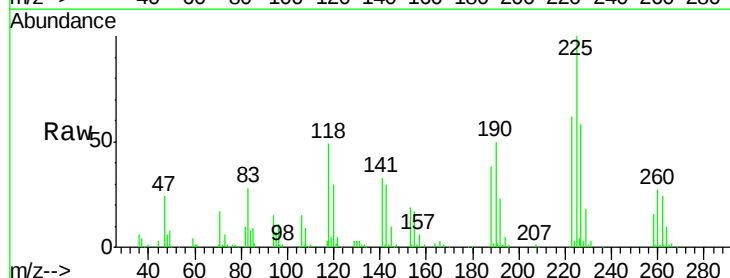
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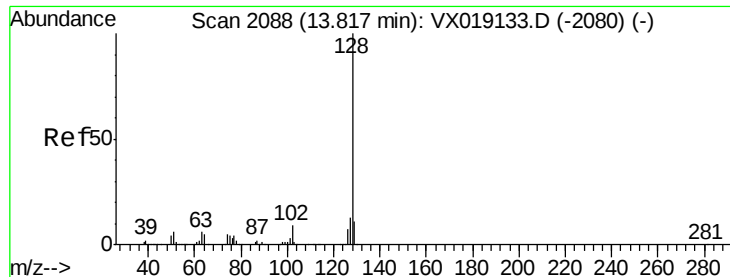
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10/29/2020 9:45:35 AM



#94
Hexachlorobutadiene
Concen: 17.435 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	37859		
223	62.3	32.4	97.2	
227	63.3	31.6	94.7	





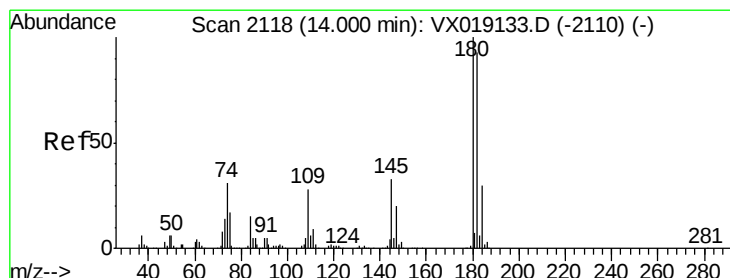
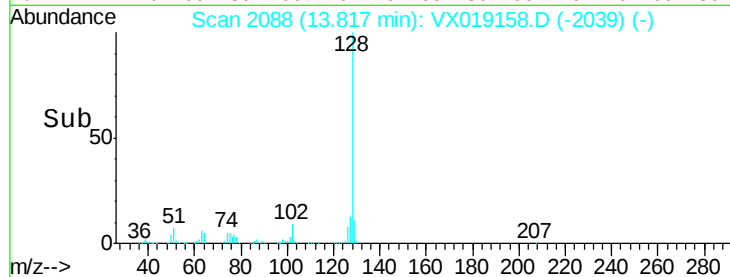
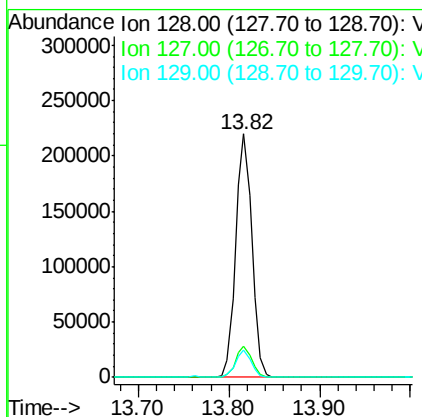
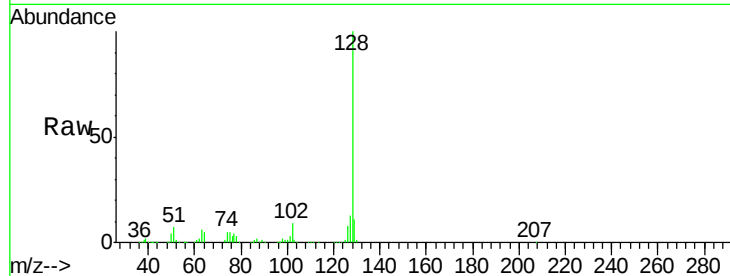
#95
Naphthalene
Concen: 17.528 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
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10/29/2020 9:45:35 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.239 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.8	143.3
145	33.9	16.5	49.5

