

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110920\
 Data File : VX019360.D
 Acq On : 09 Nov 2020 12:21
 Operator : JC/MD
 Sample : VX1109WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/10/2020 8:57:30 AM

Quant Time: Nov 10 01:56:24 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	241926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	405447	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	377196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186966	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	164164	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
35) Dibromofluoromethane	5.46	113	124500	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	8.70	98	472864	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.12	95	180049	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	38929	19.302	ug/l	98
3) Chloromethane	1.31	50	43329	19.230	ug/l	97
4) Vinyl Chloride	1.39	62	51528	19.719	ug/l	99
5) Bromomethane	1.64	94	36761	20.600	ug/l	96
6) Chloroethane	1.71	64	35076	21.024	ug/l	97
7) Trichlorofluoromethane	1.92	101	81765	19.917	ug/l	97
8) Diethyl Ether	2.17	74	33799	21.452	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46713	20.529	ug/l	97
10) Methyl Iodide	2.49	142	45831	21.266	ug/l	98
11) Tert butyl alcohol	3.01	59	65243	105.874	ug/l	99
12) 1,1-Dichloroethene	2.35	96	45318	19.327	ug/l	98
13) Acrolein	2.27	56	21187	80.809	ug/l	96
14) Allyl chloride	2.71	41	74268	20.911	ug/l	99
15) Acrylonitrile	3.11	53	140348	108.383	ug/l	99
16) Acetone	2.42	43	120374	111.838	ug/l	100
17) Carbon Disulfide	2.55	76	117805	18.118	ug/l	99
18) Methyl Acetate	2.75	43	60871	23.257	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	173684	21.378	ug/l	99
20) Methylene Chloride	2.83	84	54863	20.304	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	51267	18.998	ug/l	96
22) Diisopropyl ether	3.82	45	159553	22.535	ug/l	89
23) Vinyl Acetate	3.78	43	692515	109.679	ug/l	97
24) 1,1-Dichloroethane	3.67	63	94025	21.269	ug/l	99
25) 2-Butanone	4.63	43	189682	111.822	ug/l	96
26) 2,2-Dichloropropane	4.55	77	84089	20.234	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	60120	19.937	ug/l	96
28) Bromochloromethane	4.98	49	41947	20.872	ug/l	92
29) Tetrahydrofuran	5.09	42	120005	112.260	ug/l	96
30) Chloroform	5.17	83	97516	20.724	ug/l	99
31) Cyclohexane	5.54	56	80147	20.322	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	87144	20.427	ug/l	99
36) 1,1-Dichloropropene	5.76	75	73213	19.555	ug/l	98
37) Ethyl Acetate	4.79	43	74255	21.361	ug/l	99
38) Carbon Tetrachloride	5.75	117	74239	19.453	ug/l	99

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MMDadoda
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	85407	19.078	ug/l	97
40) Benzene	6.11	78	214457	20.202	ug/l	99
41) Methacrylonitrile	4.99	41	39553	21.128	ug/l	98
42) 1,2-Dichloroethane	6.16	62	81838	20.918	ug/l	100
43) Isopropyl Acetate	6.41	43	122412	21.031	ug/l	98
44) Trichloroethene	7.18	130	57599	18.946	ug/l	96
45) 1,2-Dichloropropane	7.49	63	55138	21.206	ug/l	99
46) Dibromomethane	7.63	93	37888	19.706	ug/l	98
47) Bromodichloromethane	7.87	83	76594	20.211	ug/l	99
48) Methyl methacrylate	7.74	41	58982	21.053	ug/l	98
49) 1,4-Dioxane	7.72	88	26261	421.504	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	369950	110.584	ug/l	99
52) Toluene	8.76	92	137026	20.042	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	84527	19.528	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	91619	20.129	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	55599	20.582	ug/l	99
56) Ethyl methacrylate	9.16	69	83226	20.397	ug/l	97
57) 1,3-Dichloropropane	9.35	76	94475	20.743	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	224967	98.585	ug/l	95
59) 2-Hexanone	9.47	43	283851	111.464	ug/l	97
60) Dibromochloromethane	9.56	129	57519	19.620	ug/l	99
61) 1,2-Dibromoethane	9.65	107	57804	20.010	ug/l	100
64) Tetrachloroethene	9.32	164	55498	19.312	ug/l	97
65) Chlorobenzene	10.12	112	143962	18.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	52080	18.764	ug/l	98
67) Ethyl Benzene	10.23	91	262385	19.100	ug/l	98
68) m/p-Xylenes	10.34	106	193730	37.574	ug/l	95
69) o-Xylene	10.68	106	92999	19.016	ug/l	99
70) Styrene	10.69	104	157251	18.845	ug/l	99
71) Bromoform	10.84	173	39368	17.890	ug/l #	99
73) Isopropylbenzene	11.00	105	253614	19.163	ug/l	99
74) N-amyl acetate	10.88	43	97782	20.208	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	84274	20.375	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	79249m	20.528	ug/l	
77) Bromobenzene	11.24	156	61179	18.626	ug/l	93
78) n-propylbenzene	11.34	91	295328	19.548	ug/l	99
79) 2-Chlorotoluene	11.40	91	175747	19.759	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	216732	19.385	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	26573	18.124	ug/l	95
82) 4-Chlorotoluene	11.49	91	208273	19.176	ug/l	98
83) tert-Butylbenzene	11.76	119	205304	19.178	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	219511	19.448	ug/l	98
85) sec-Butylbenzene	11.93	105	247021	19.239	ug/l	99
86) p-Isopropyltoluene	12.05	119	229432	19.360	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	114958	18.794	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	115913	18.204	ug/l	97
89) n-Butylbenzene	12.37	91	211491	18.986	ug/l	98
90) Hexachloroethane	12.58	117	36378	18.060	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	113570	19.336	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19352	19.113	ug/l	94

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ClientSampleId :
VX1109WBSD01

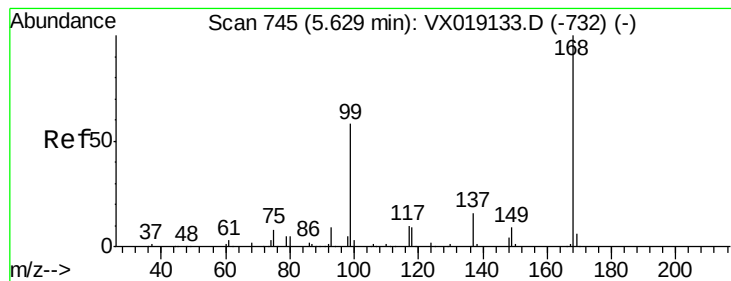
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	76307	17.296	ug/l	99
94) Hexachlorobutadiene	13.76	225	30607	15.760	ug/l	95
95) Naphthalene	13.82	128	252872	18.199	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	73626	17.202	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: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion:168 Resp: 241926

Ion Ratio Lower Upper

168 100

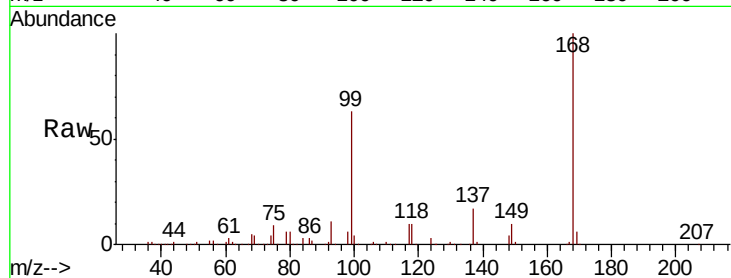
99 63.3 46.6 69.8

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

80000

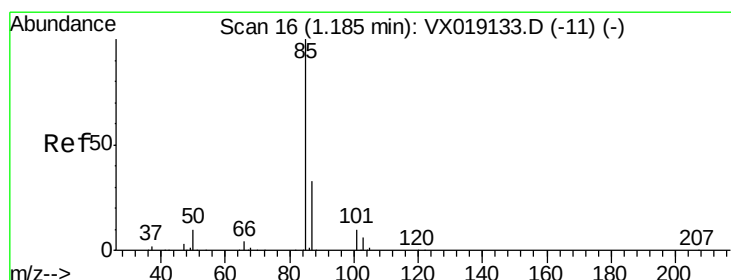
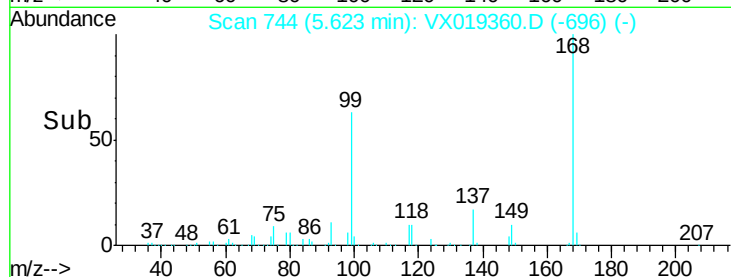
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.302 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019360.D

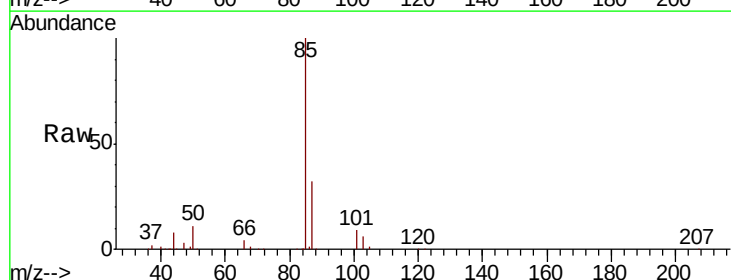
Acq: 09 Nov 2020 12:21

Tgt Ion: 85 Resp: 38929

Ion Ratio Lower Upper

85 100

87 31.9 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

50000

40000

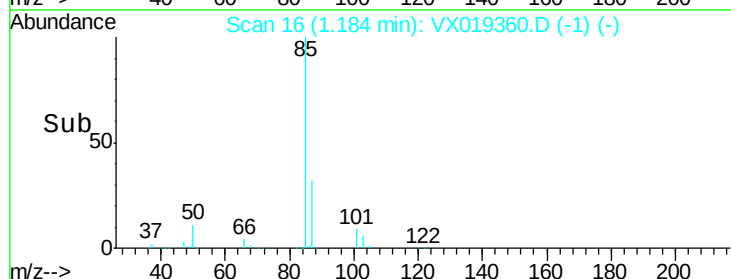
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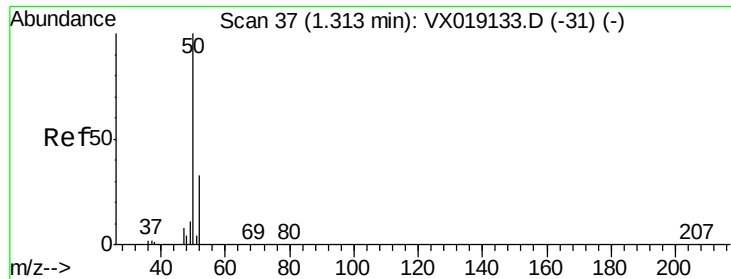
20000

10000

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Time-->





#3

Chloromethane

Concen: 19.230 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion: 50 Resp: 43329

Ion Ratio Lower Upper

50 100

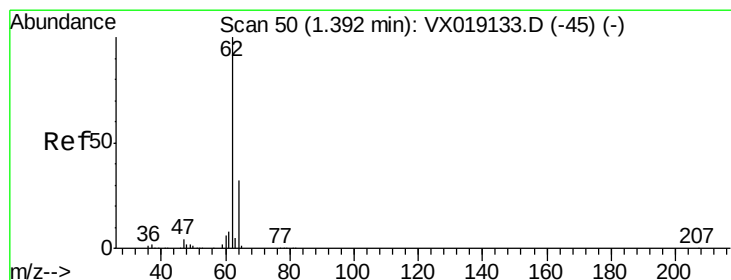
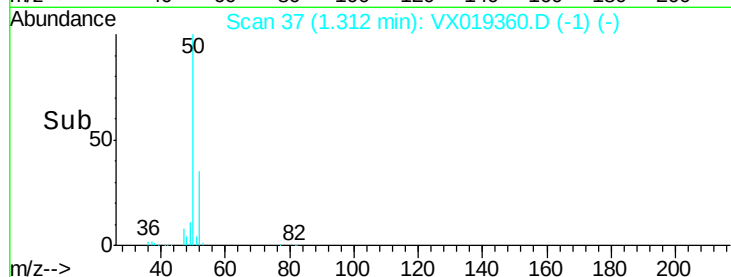
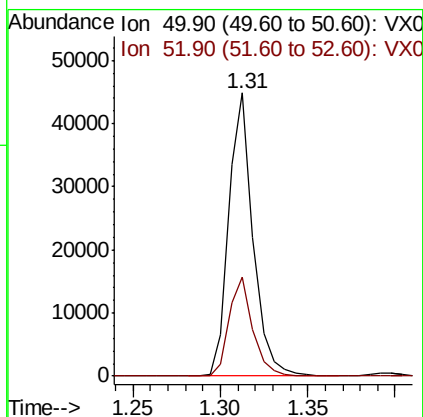
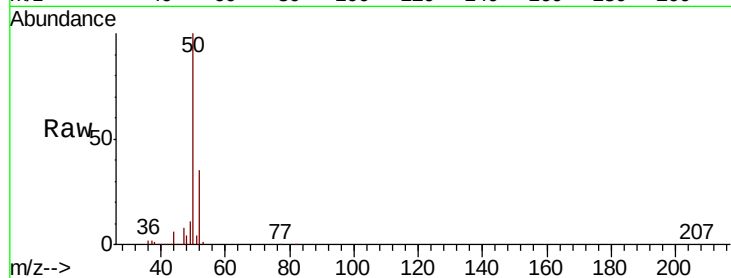
52 35.0 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.719 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019360.D

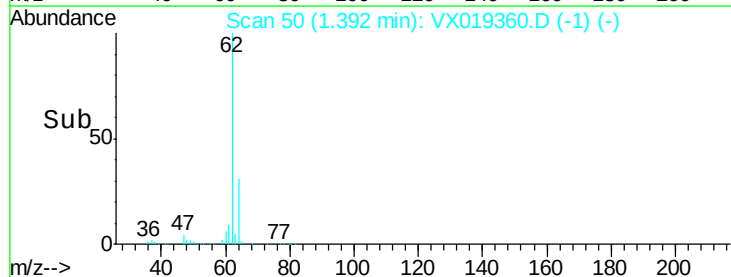
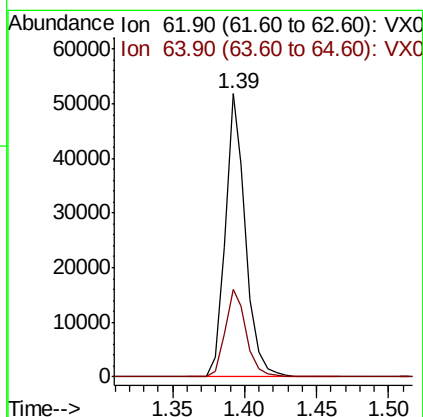
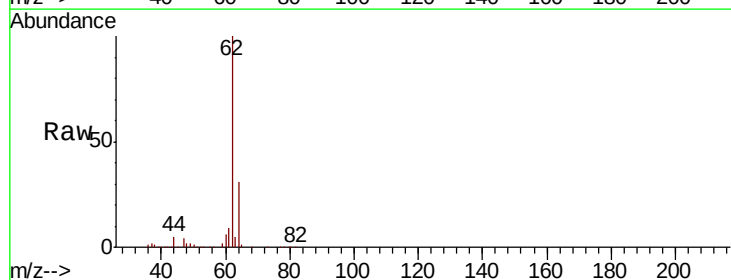
Acq: 09 Nov 2020 12:21

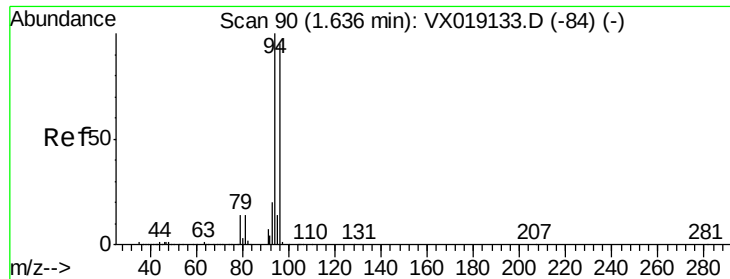
Tgt Ion: 62 Resp: 51528

Ion Ratio Lower Upper

62 100

64 31.0 25.4 38.0





#5

Bromomethane

Concen: 20.600 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion: 94 Resp: 36761

Ion Ratio Lower Upper

94 100

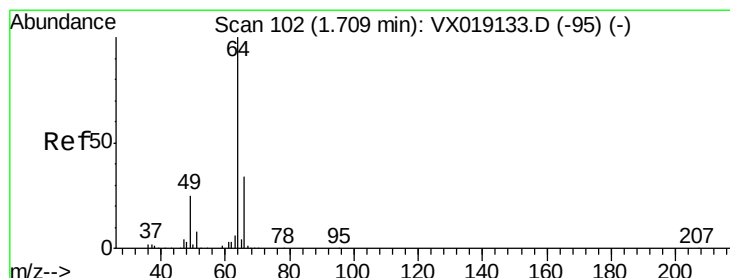
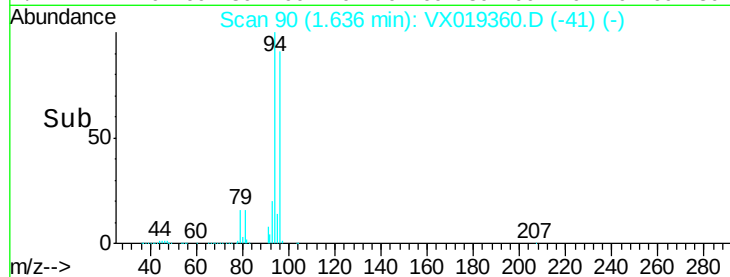
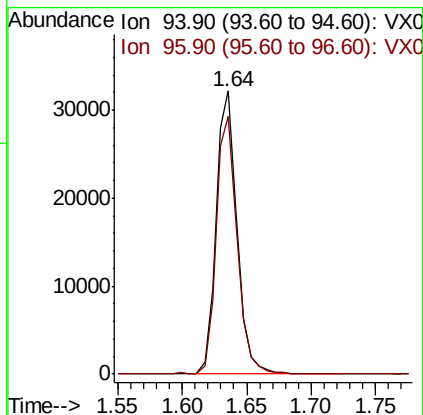
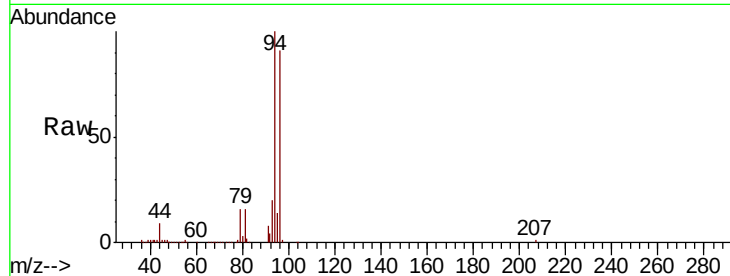
96 90.9 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 21.024 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019360.D

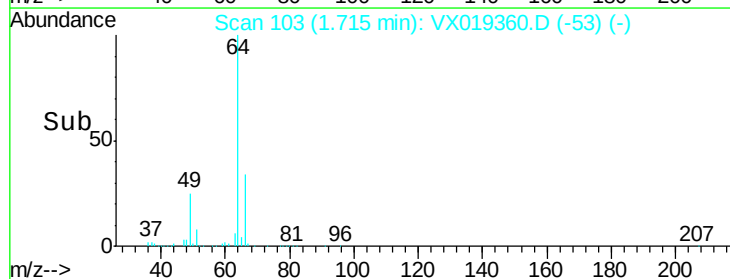
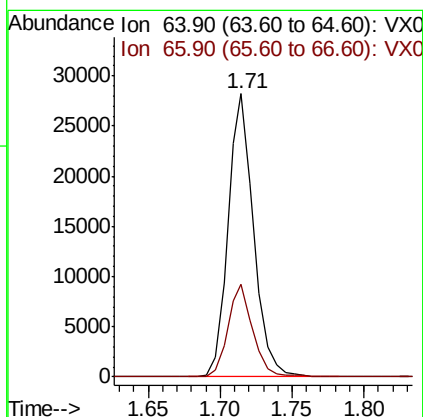
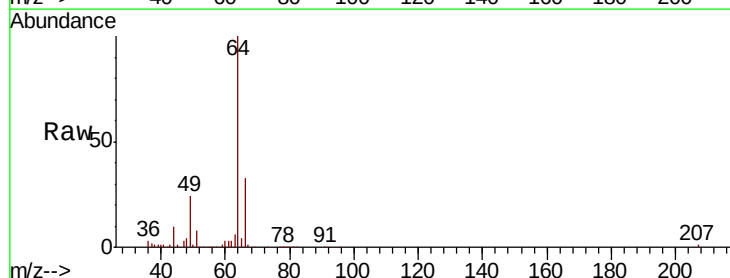
Acq: 09 Nov 2020 12:21

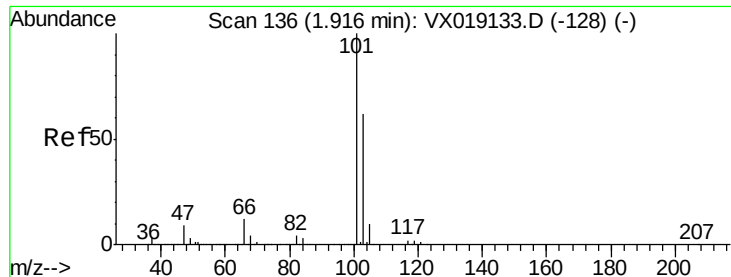
Tgt Ion: 64 Resp: 35076

Ion Ratio Lower Upper

64 100

66 32.4 27.1 40.7





#7

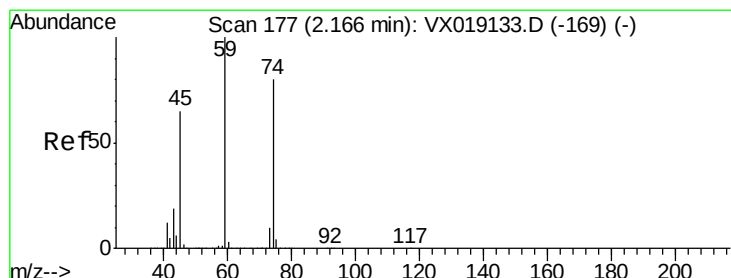
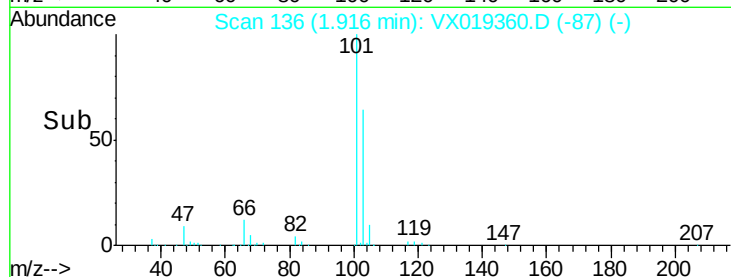
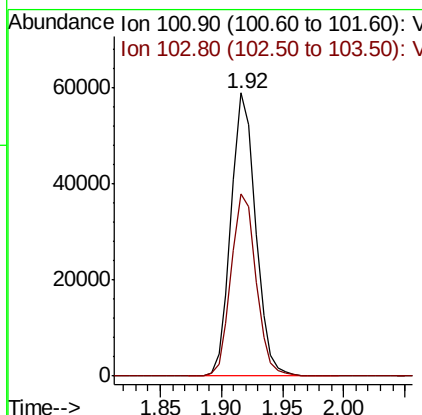
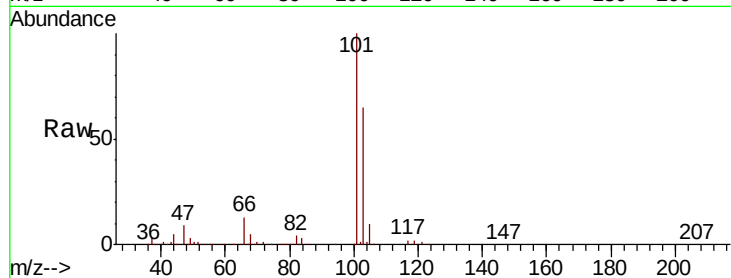
Trichlorofluoromethane
Concen: 19.917 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Instrument :
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ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	50.0	75.0

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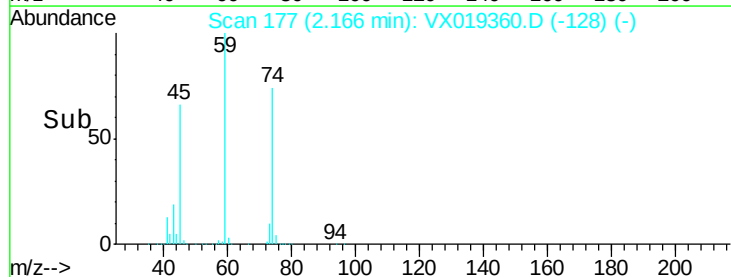
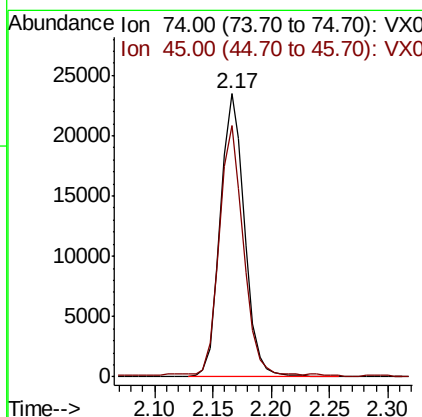
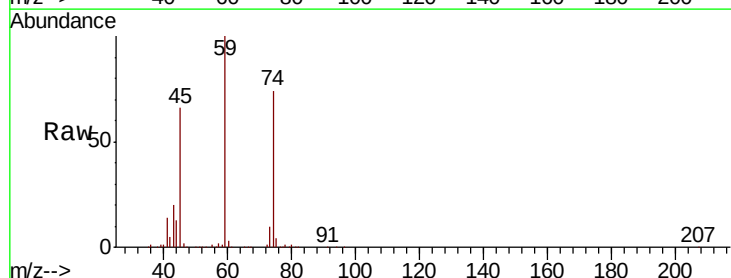
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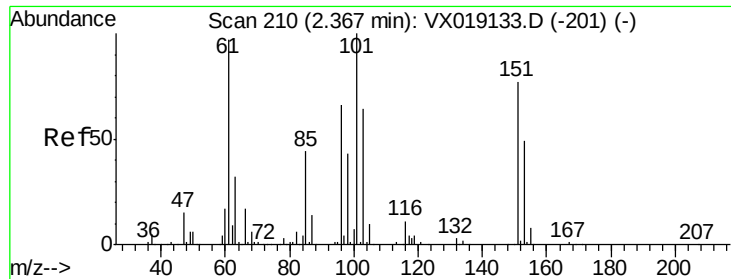


#8

Diethyl Ether
Concen: 21.452 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.5	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.529 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

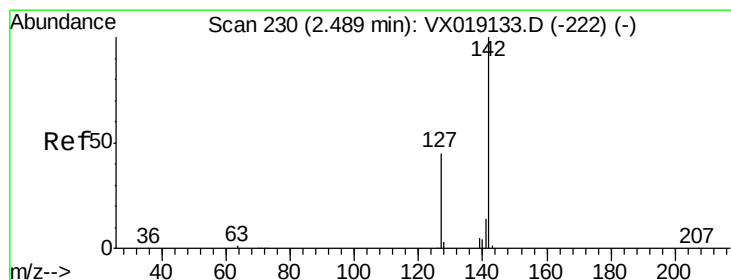
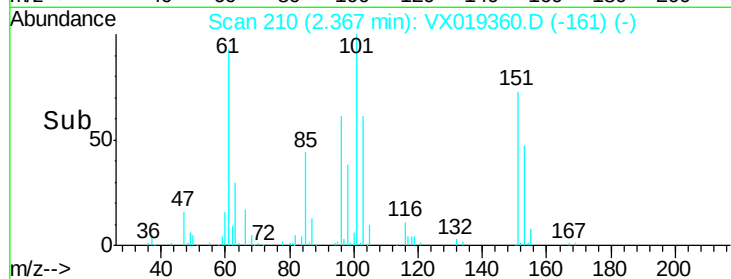
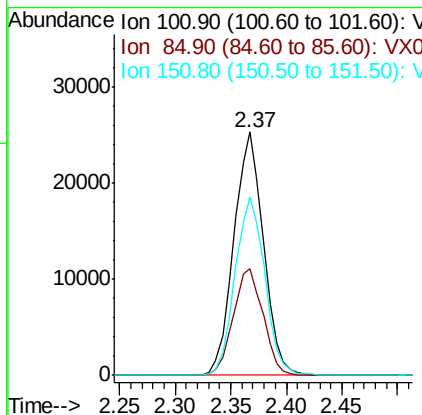
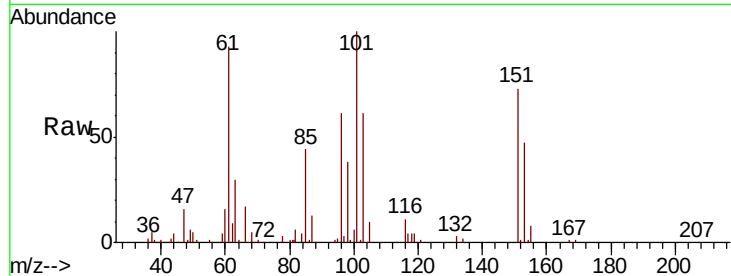
ClientSampleId :

VX1109WBSD01

Tot Ion:	101	Resp:	46713
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.0	52.4
151	73.3	61.4	92.2

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#10

Methyl Iodide

Concen: 21.266 ug/l

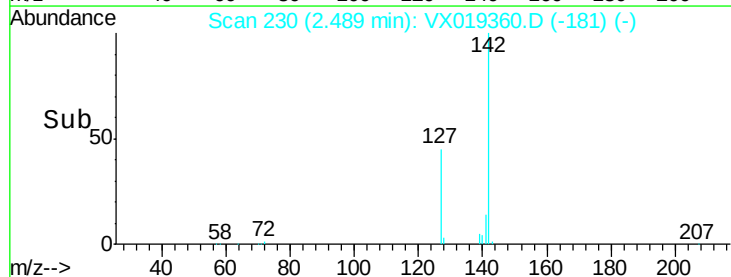
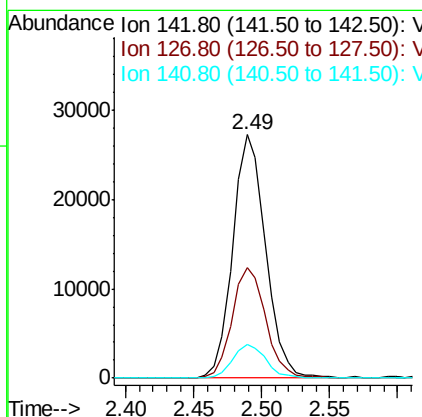
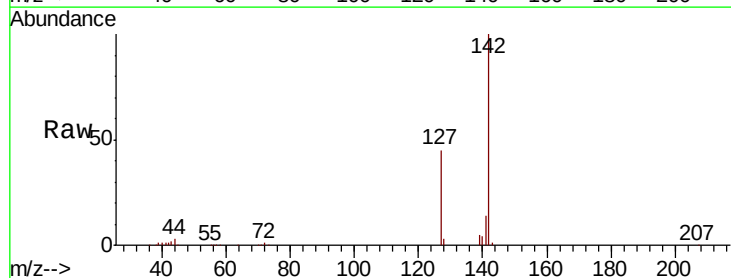
RT: 2.49 min Scan# 230

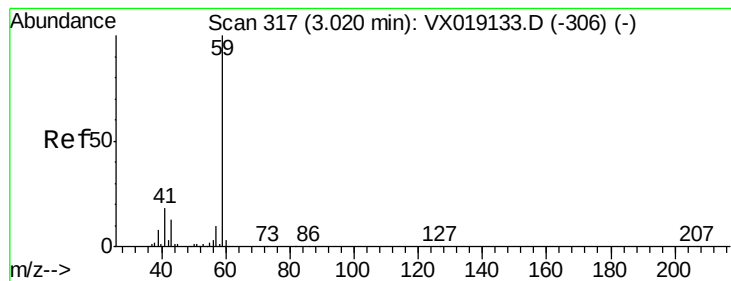
Delta R.T. 0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Tgt Ion:	142	Resp:	45831
Ion Ratio	Lower	Upper	
142	100		
127	46.4	36.1	54.1
141	14.0	11.3	16.9





#11

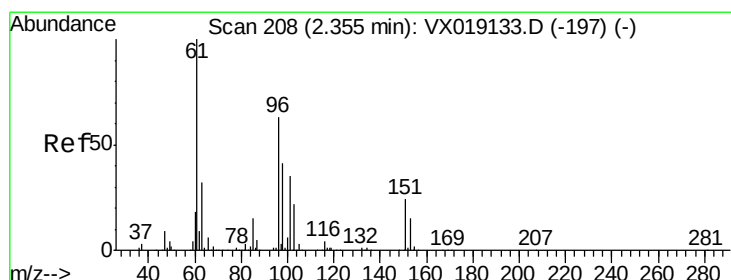
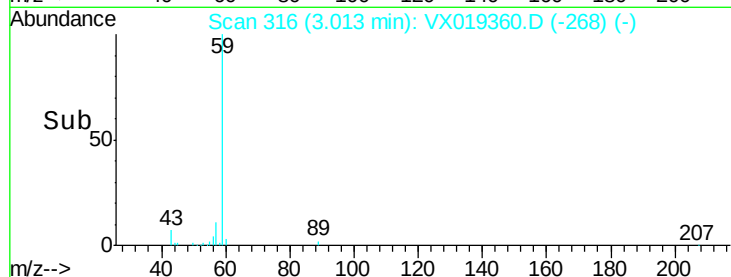
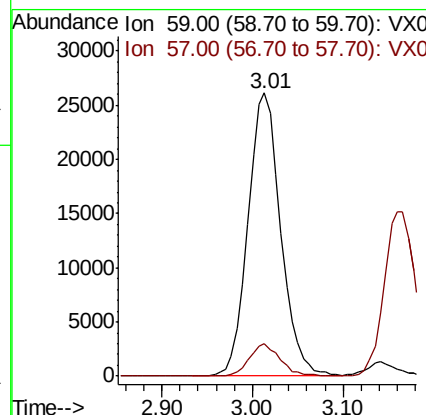
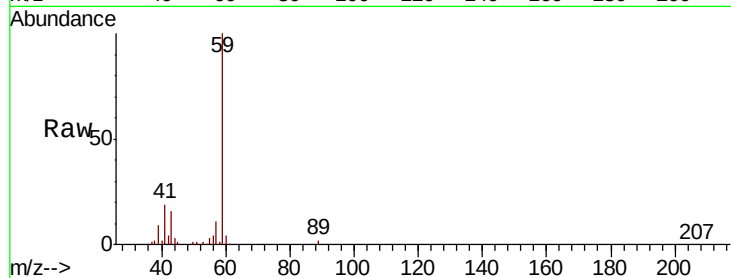
Tert butyl alcohol
Concen: 105.874 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.4	12.6

Manual Integrations
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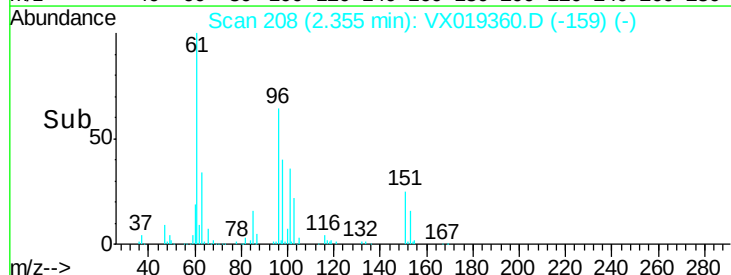
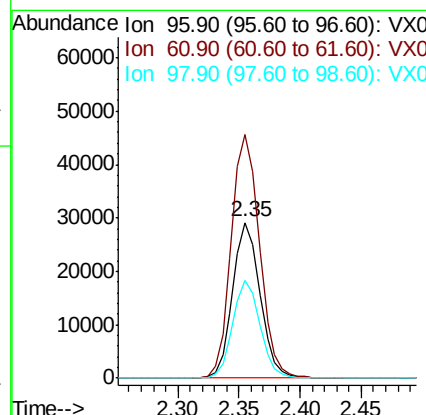
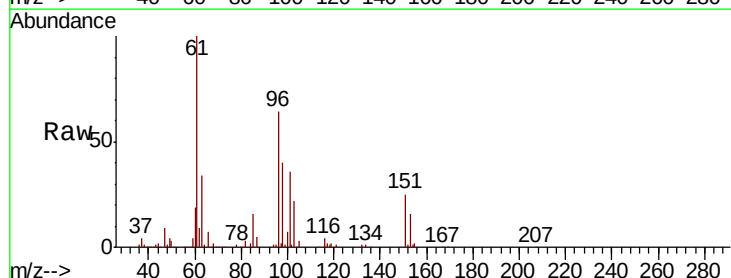
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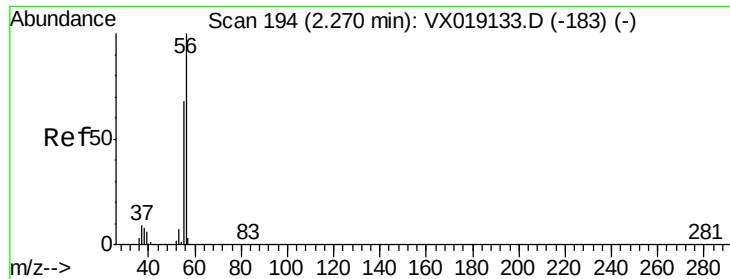


#12

1,1-Dichloroethene
Concen: 19.327 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.6	127.7	191.5
98	62.9	52.1	78.1





#13

Acrolein

Concen: 80.809 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion: 56 Resp: 21187

Ion Ratio Lower Upper

56 100

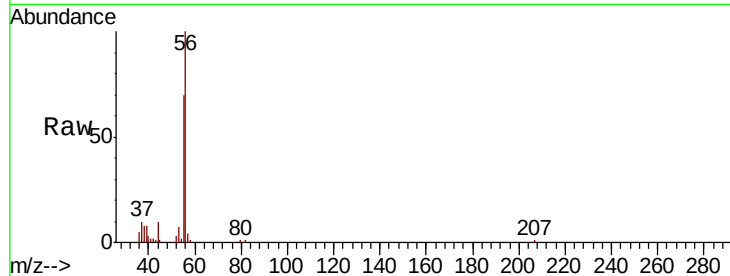
55 71.8 54.7 82.1

Manual Integrations

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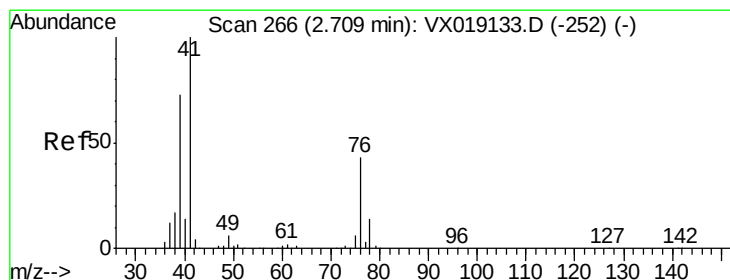
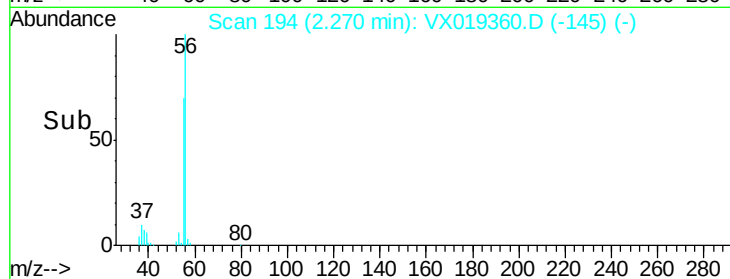
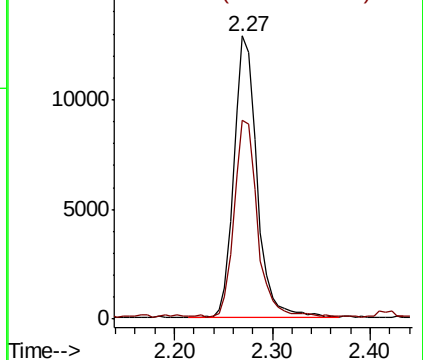
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.911 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

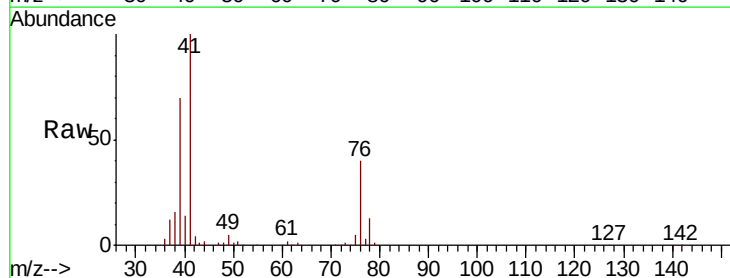
Tgt Ion: 41 Resp: 74268

Ion Ratio Lower Upper

41 100

39 69.1 55.2 82.8

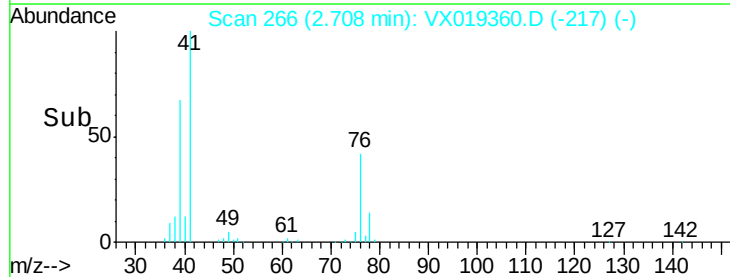
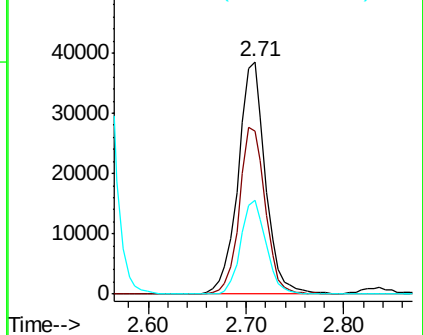
76 37.5 31.5 47.3

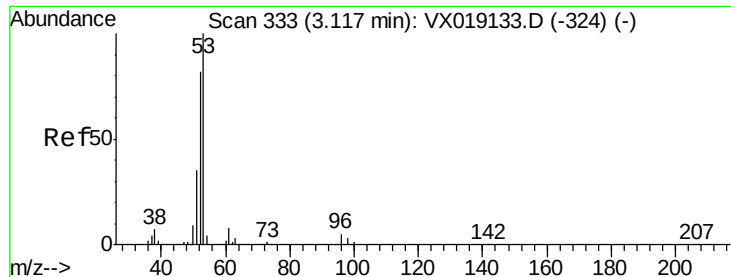


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 108.383 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

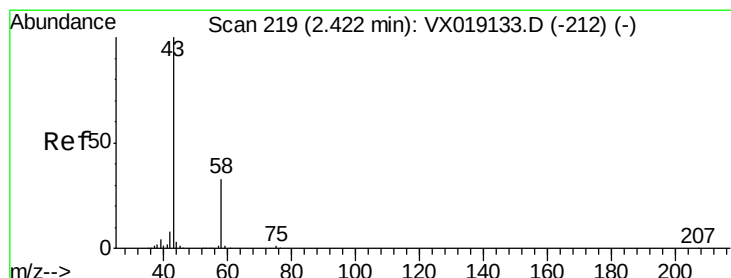
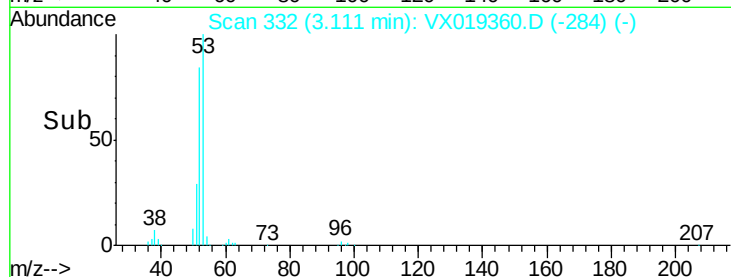
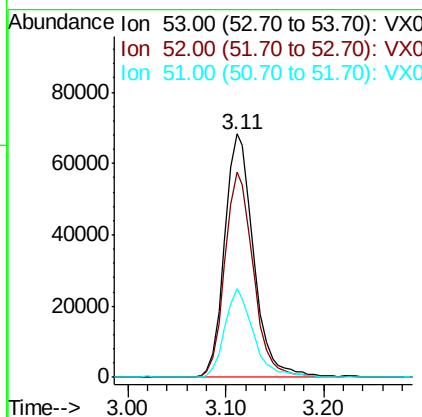
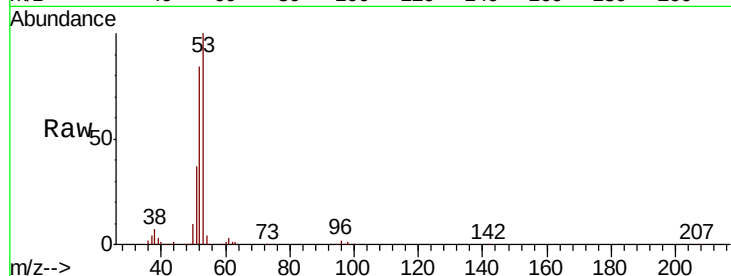
ClientSampleId :

VX1109WBSD01

Tot Ion:	53	Resp:	140348
Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.7	98.5
51	36.2	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 111.838 ug/l

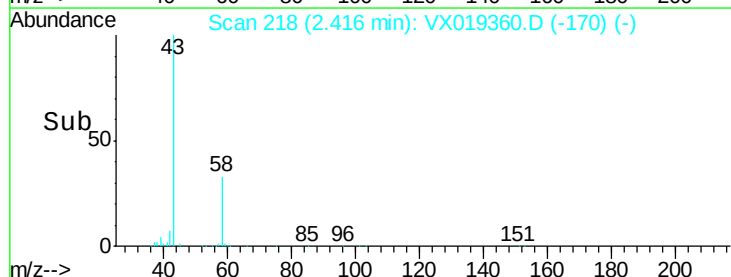
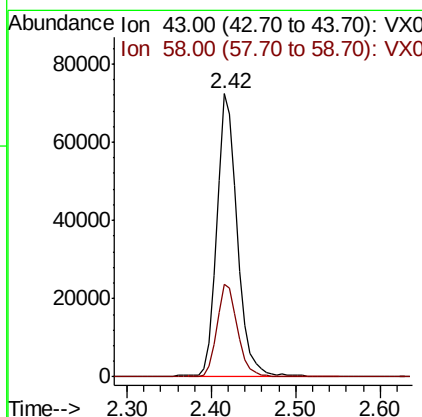
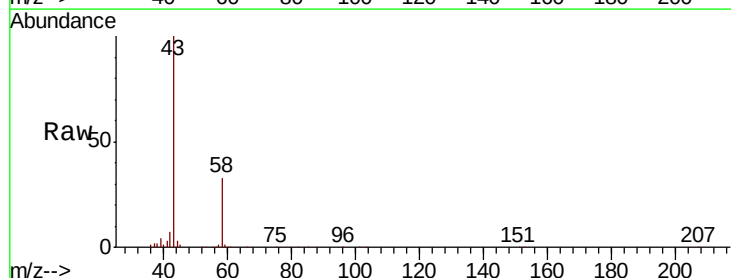
RT: 2.42 min Scan# 218

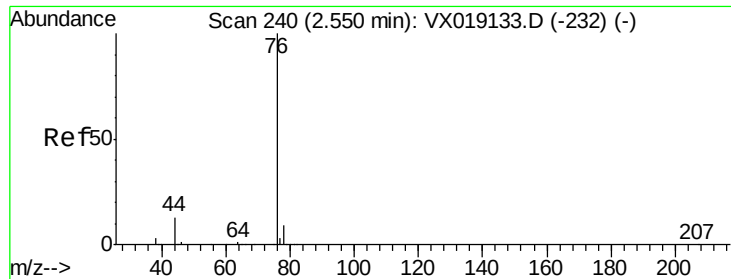
Delta R.T. -0.01 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Tgt Ion:	43	Resp:	120374
Ion	Ratio	Lower	Upper
43	100		
58	32.9	26.3	39.5





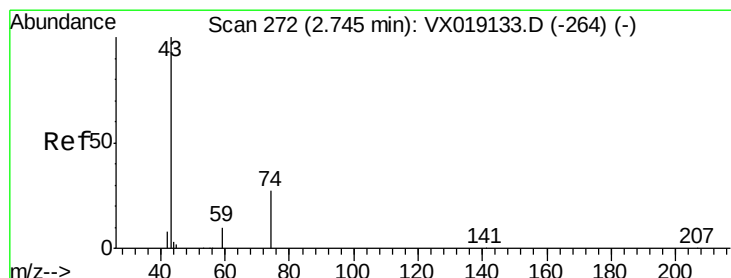
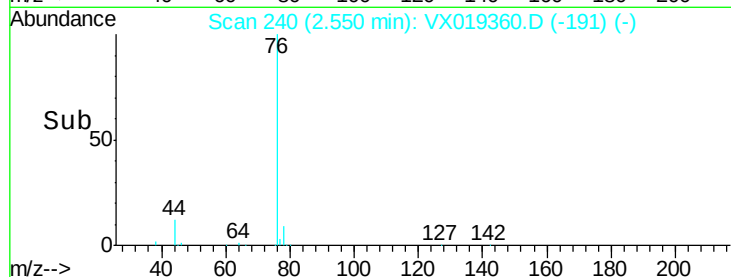
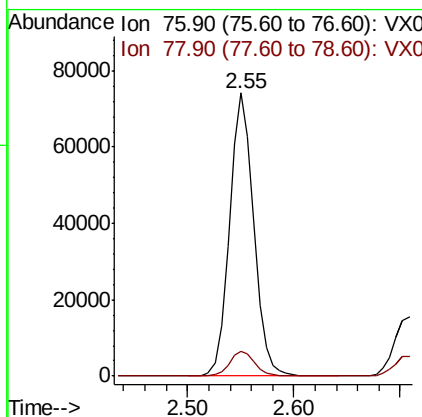
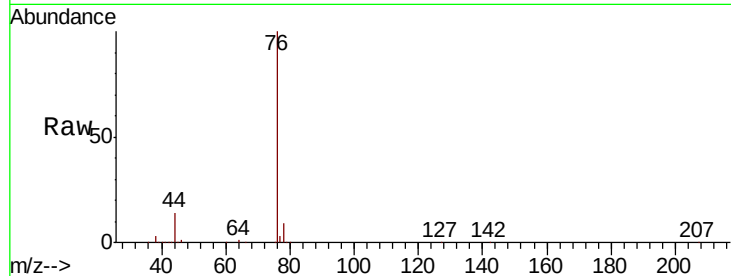
#17
Carbon Disulfide
Concen: 18.118 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

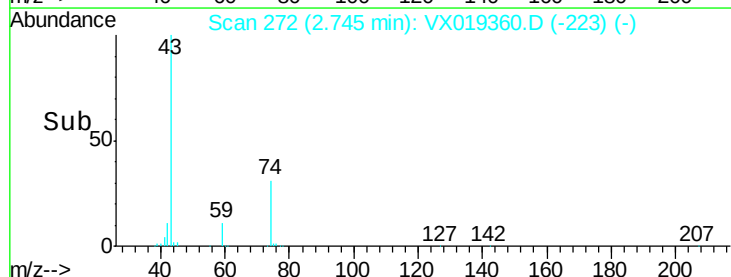
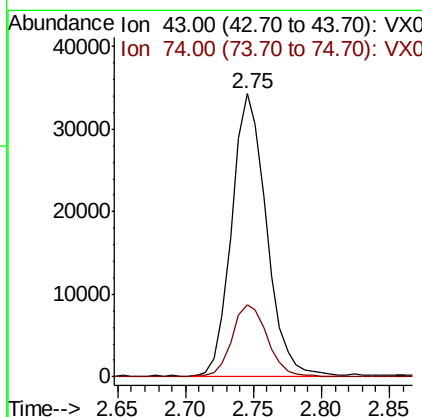
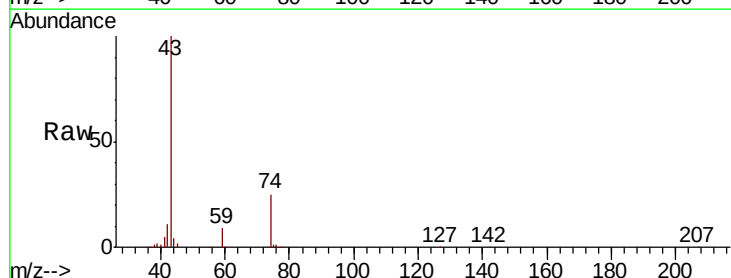
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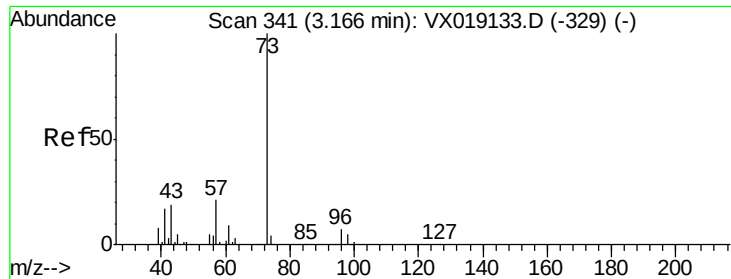
MMDadoda
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#18
Methyl Acetate
Concen: 23.257 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.6	22.6	33.8





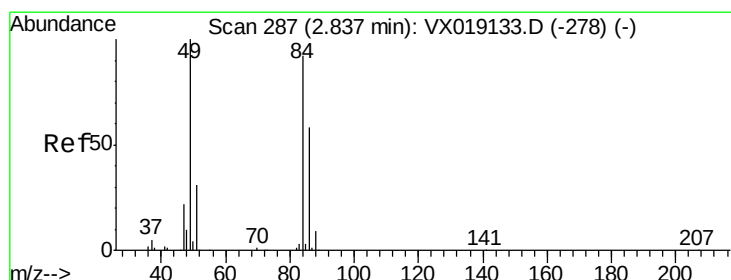
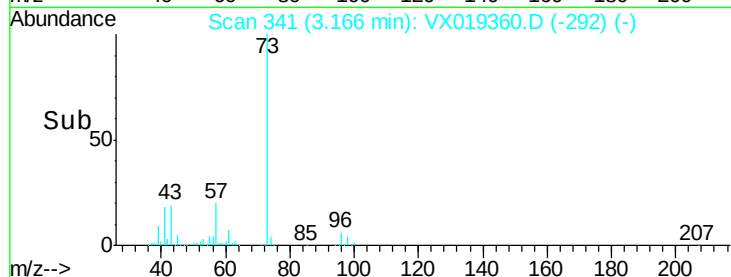
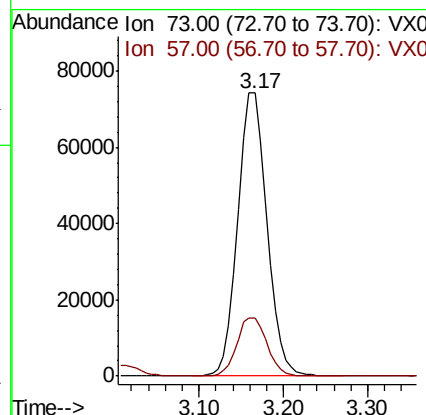
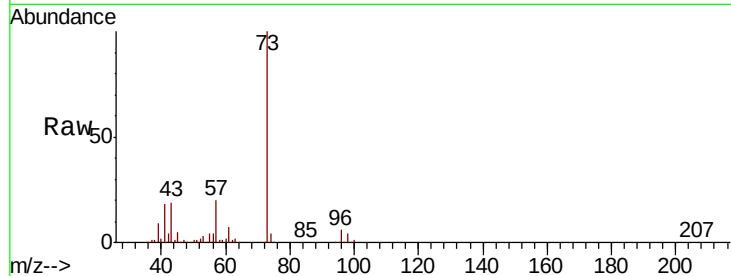
#19
Methyl tert-butyl Ether
Concen: 21.378 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion: 73 Resp: 173684
Ion Ratio Lower Upper
73 100
57 20.5 16.6 25.0

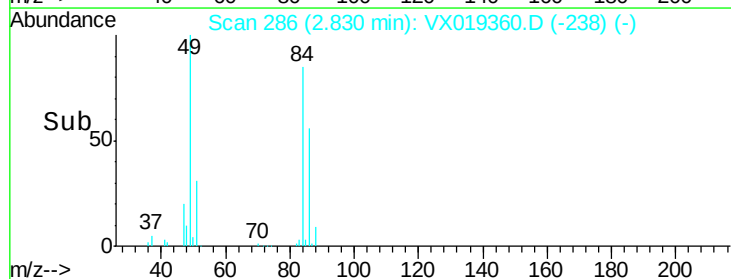
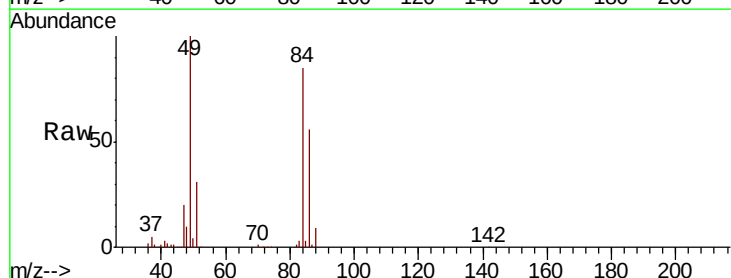
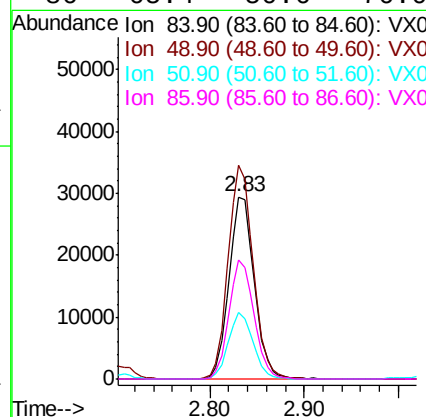
Manual Integrations
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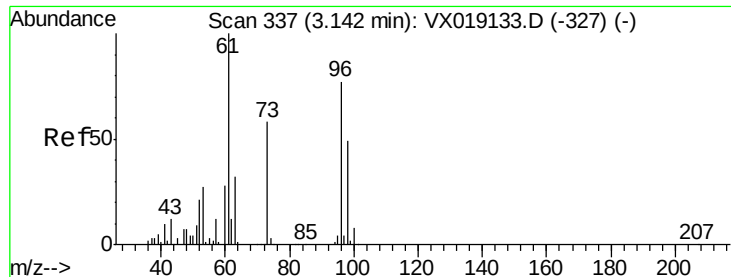
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#20
Methylene Chloride
Concen: 20.304 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Tgt Ion: 84 Resp: 54863
Ion Ratio Lower Upper
84 100
49 117.5 86.8 130.2
51 36.6 27.3 40.9
86 65.4 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 18.998 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

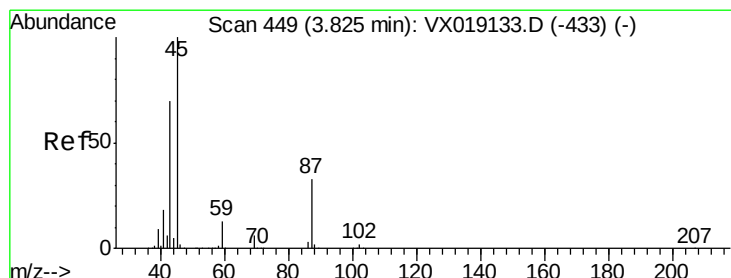
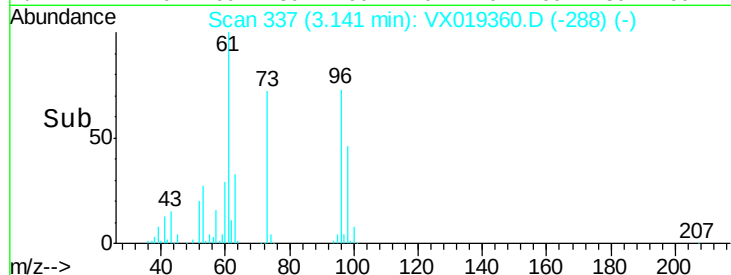
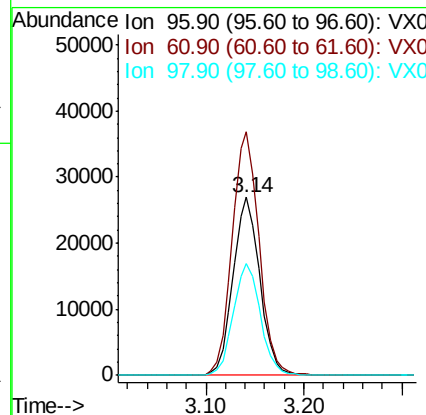
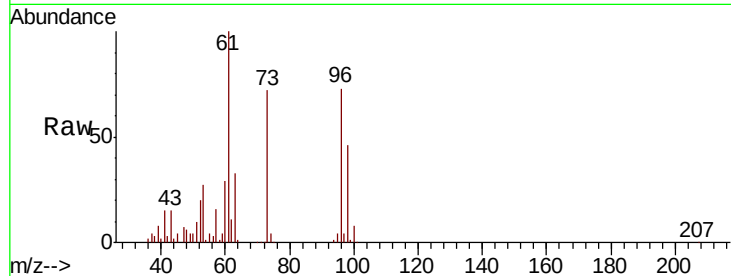
ClientSampleId :

VX1109WBSD01

Tot Ion:	96	Resp:	51267
Ion	Ratio	Lower	Upper
96	100		
61	136.9	104.2	156.4
98	62.9	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.535 ug/l

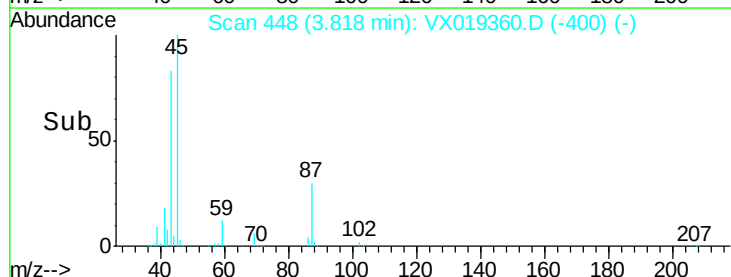
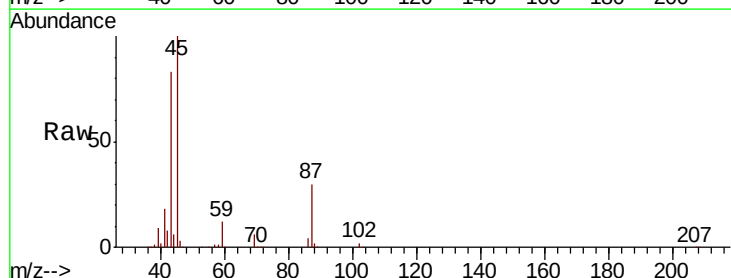
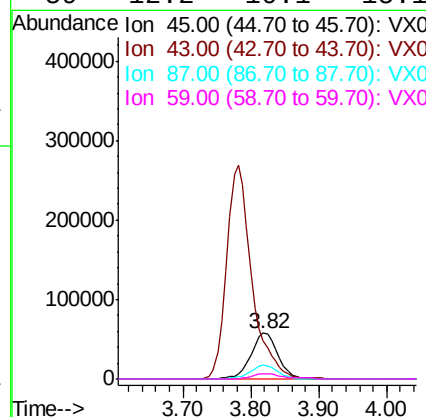
RT: 3.82 min Scan# 448

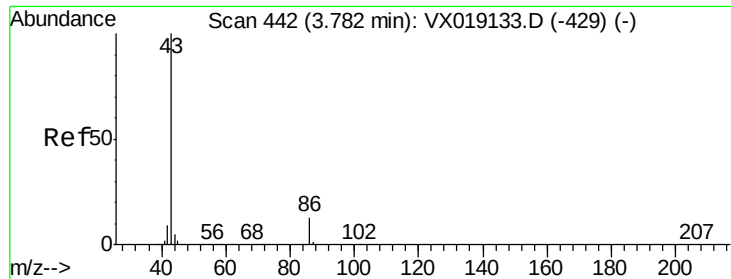
Delta R.T. -0.01 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Tgt Ion:	45	Resp:	159553
Ion	Ratio	Lower	Upper
45	100		
43	83.3	56.2	84.4
87	30.4	26.2	39.2
59	12.2	10.1	15.1





#23

Vinyl Acetate

Concen: 109.679 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion: 43 Resp: 692515

Ion Ratio Lower Upper

43 100

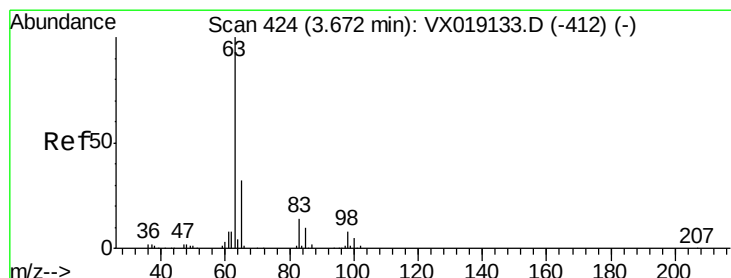
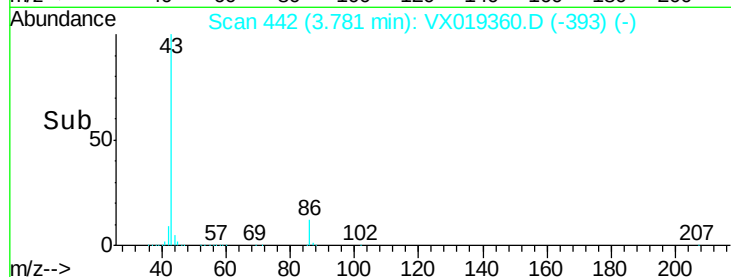
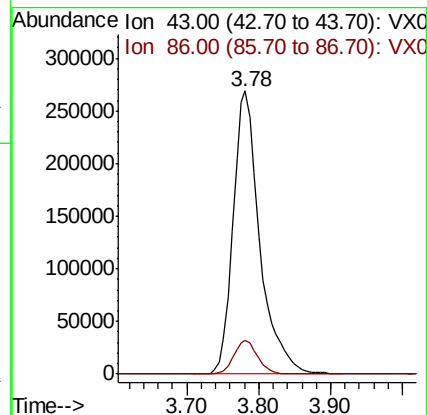
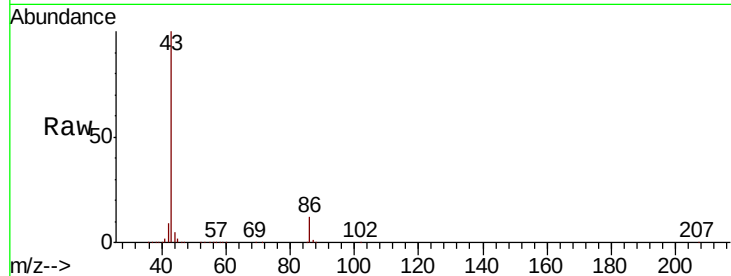
86 11.9 10.4 15.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.269 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

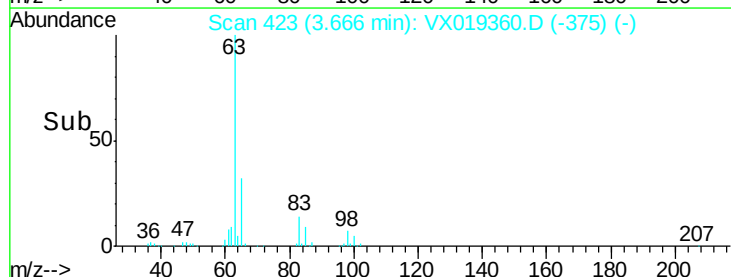
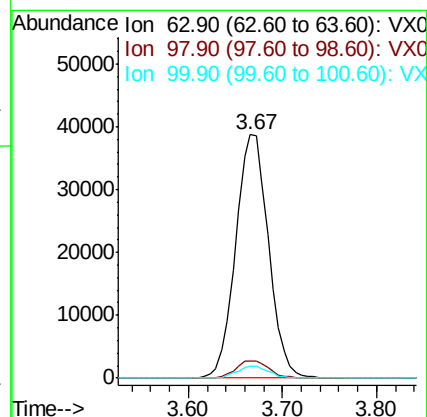
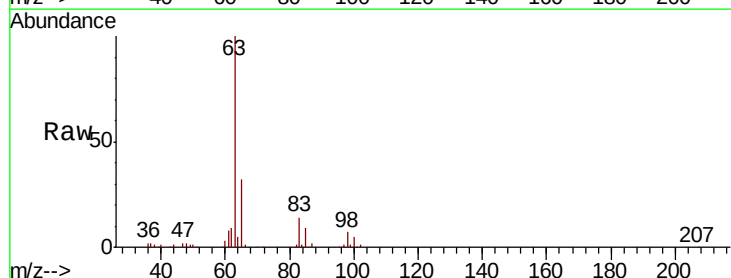
Tgt Ion: 63 Resp: 94025

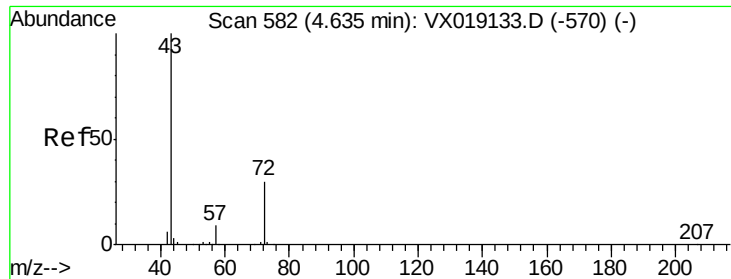
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.4

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 111.822 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion: 43 Resp: 189682

Ion Ratio Lower Upper

43 100

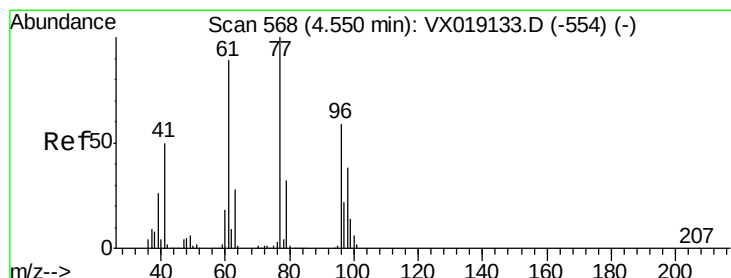
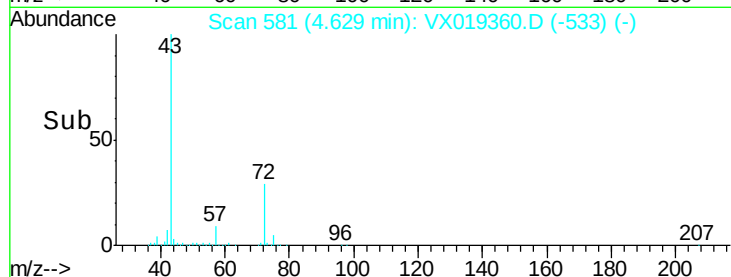
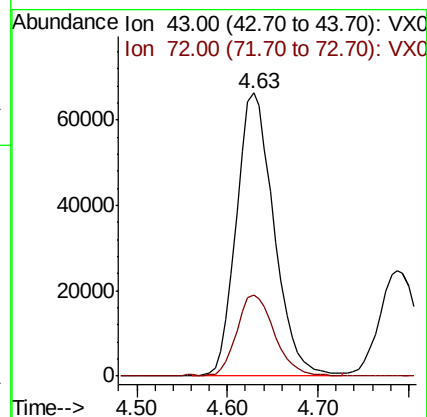
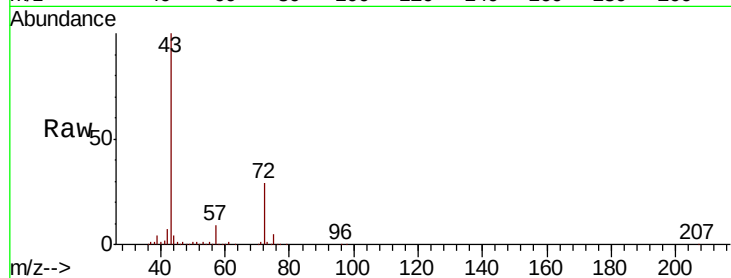
72 28.4 24.6 36.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.234 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019360.D

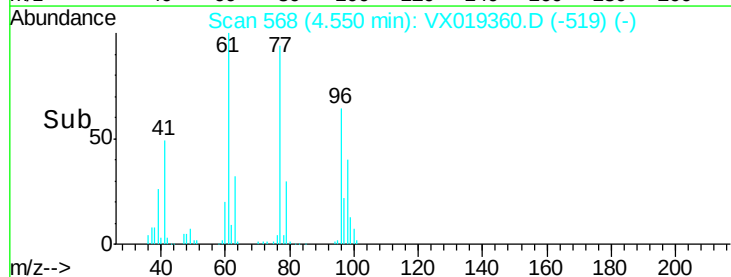
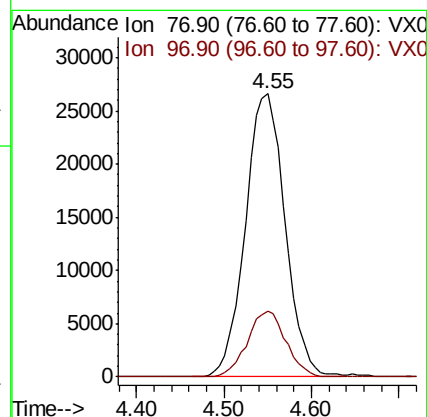
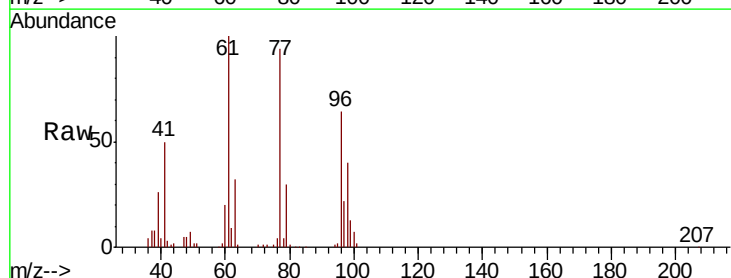
Acq: 09 Nov 2020 12:21

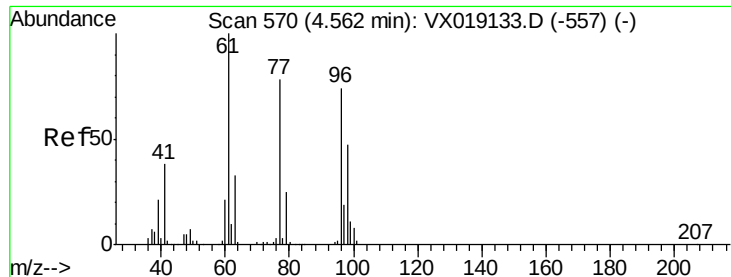
Tgt Ion: 77 Resp: 84089

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1





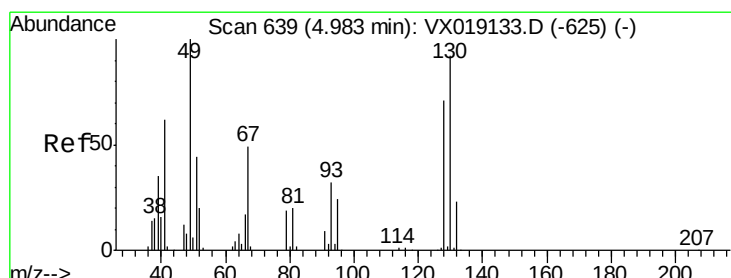
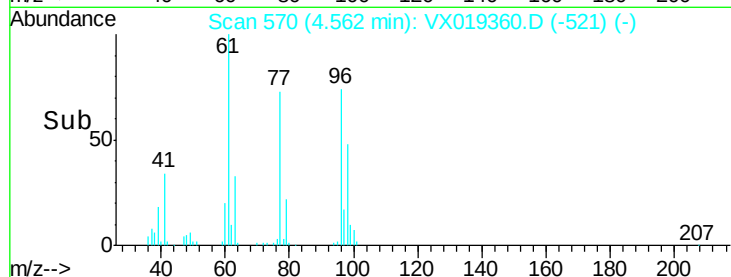
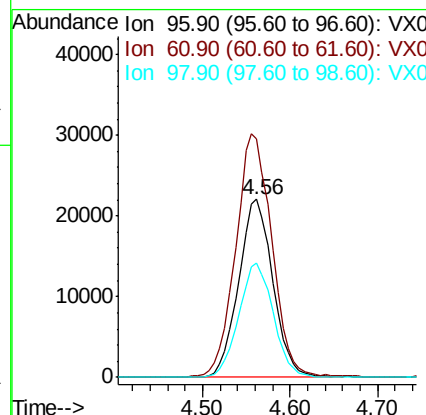
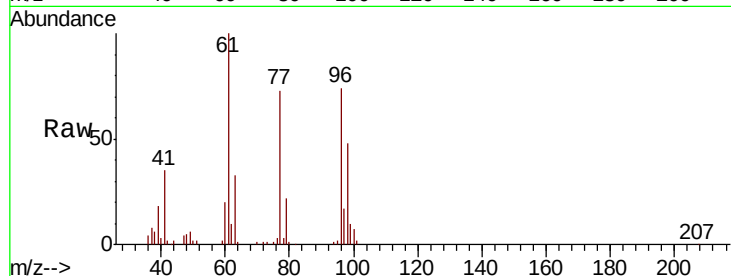
#27
 cis-1,2-Dichloroethene
 Concen: 19.937 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	60120		
61	145.3		0.0	278.8
98	64.5		0.0	130.2

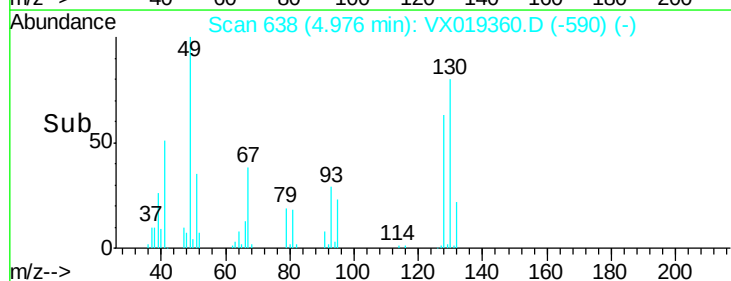
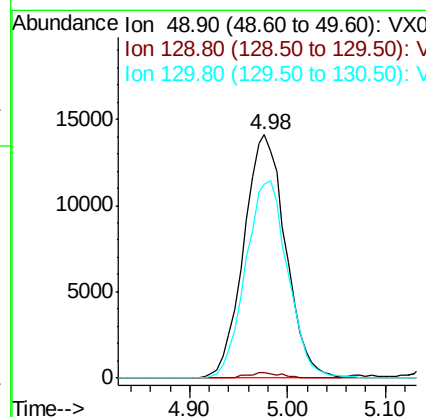
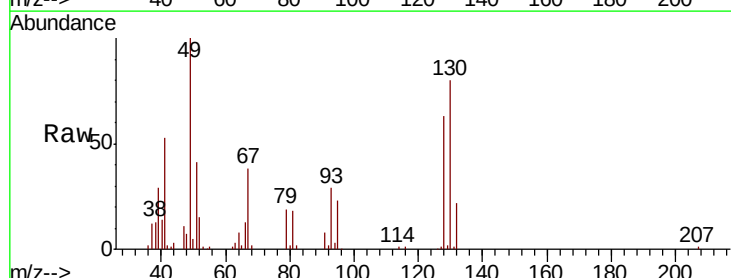
Manual Integrations
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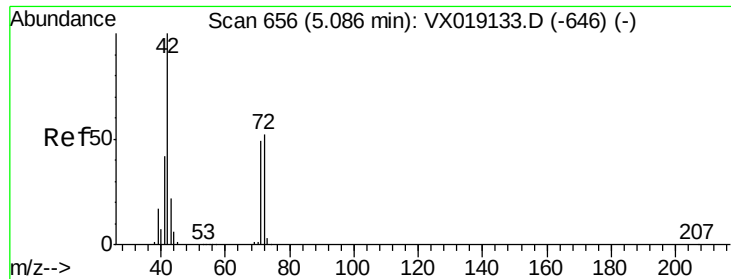
MMDadoda
 11/10/2020 8:57:30 AM



#28
 Bromochloromethane
 Concen: 20.872 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	41947		
129	1.8		0.0	4.4
130	81.7		71.3	106.9





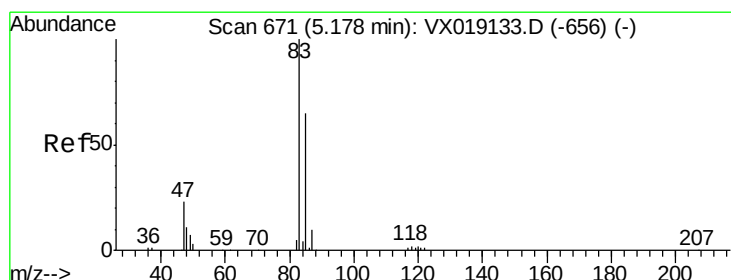
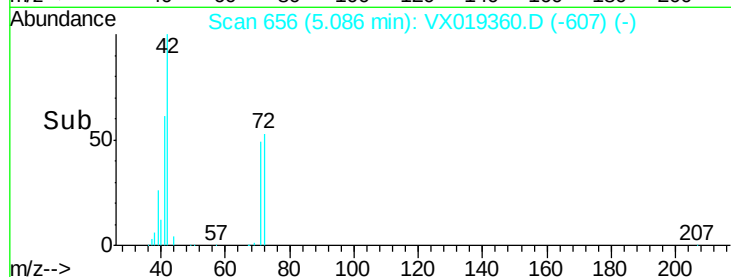
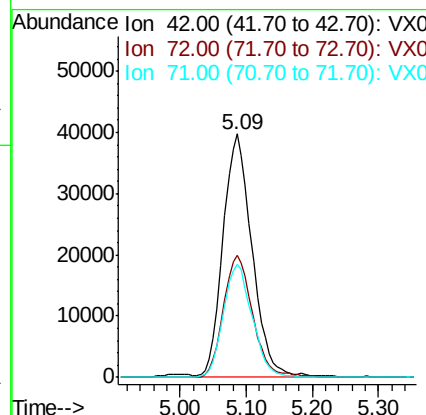
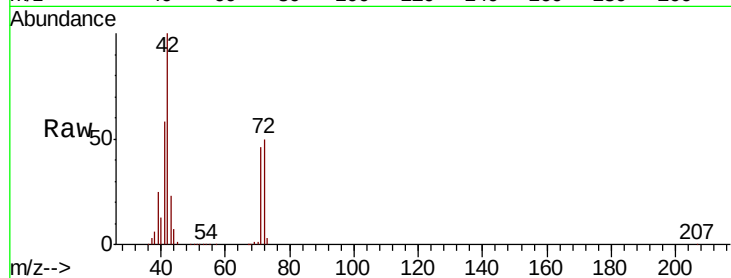
#29
Tetrahydrofuran
Concen: 112.260 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.1	42.6	63.8
71	46.5	39.7	59.5

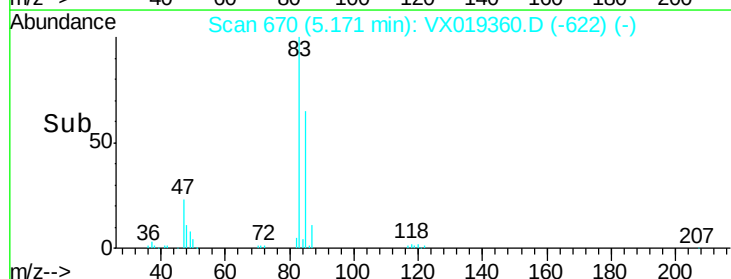
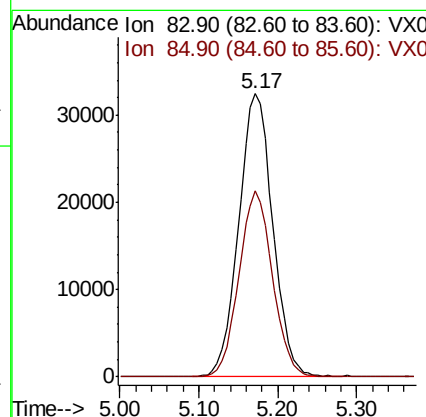
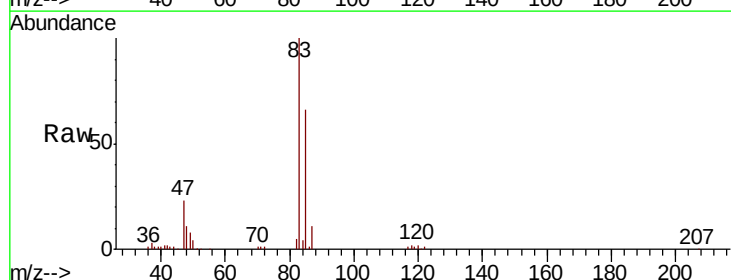
Manual Integrations
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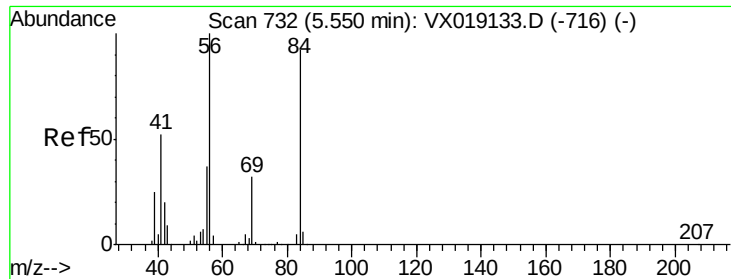
MMDadoda
11/10/2020 8:57:30 AM



#30
Chloroform
Concen: 20.724 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.9	77.9





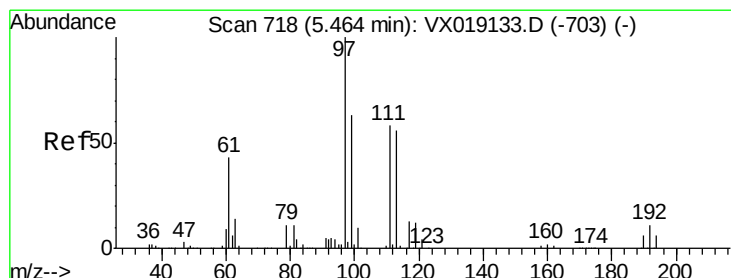
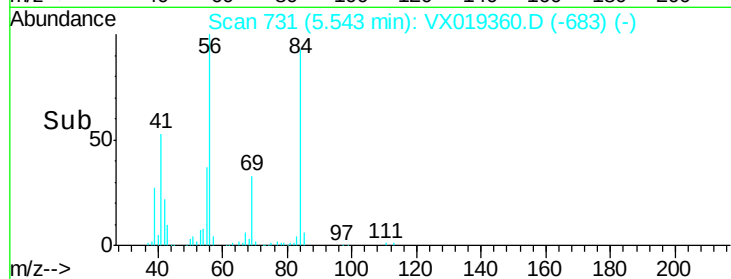
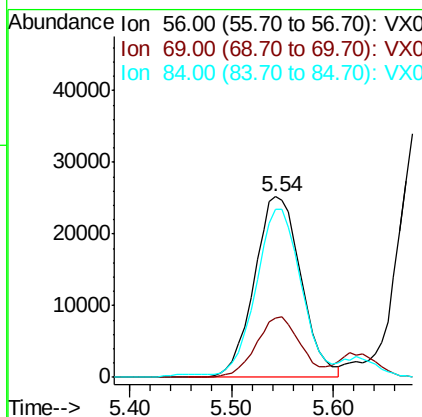
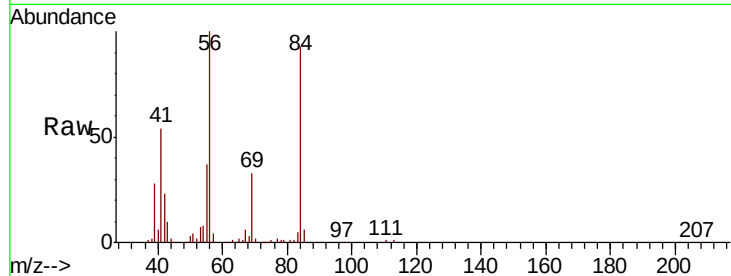
#31
Cyclohexane
Concen: 20.322 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.9	38.9
84	90.9	73.4	110.2

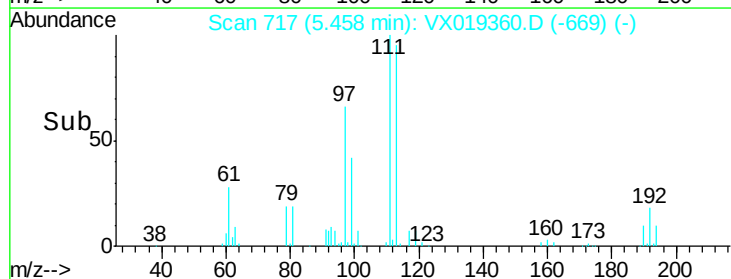
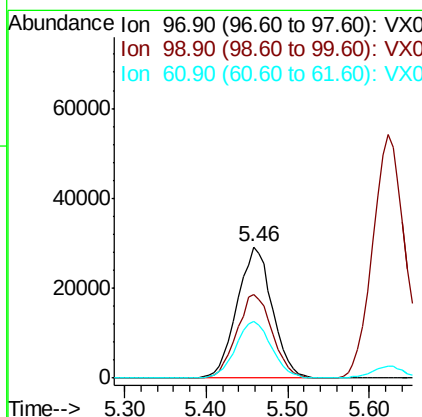
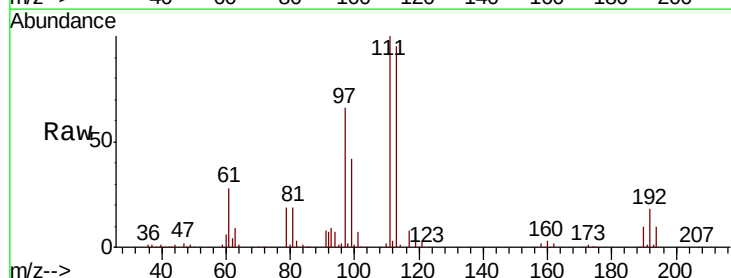
Manual Integrations
APPROVED

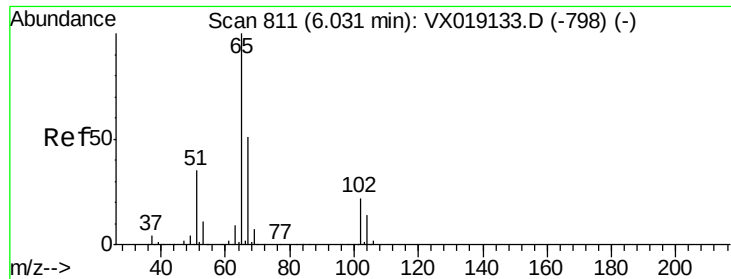
MMDadoda
11/10/2020 8:57:30 AM



#32
1,1,1-Trichloroethane
Concen: 20.427 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.7	77.5
61	44.3	34.2	51.2





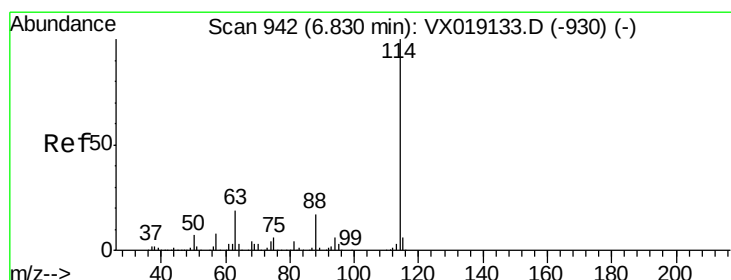
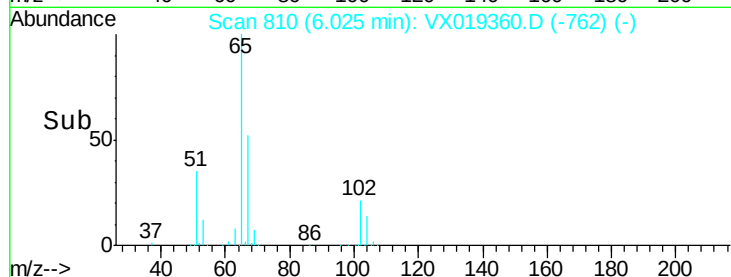
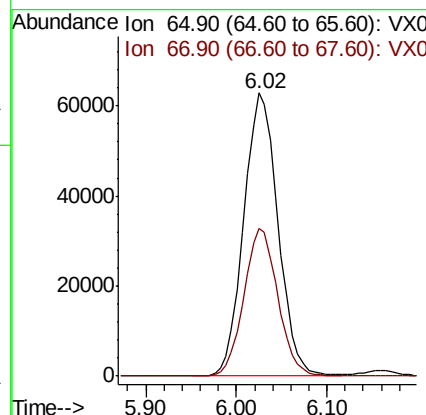
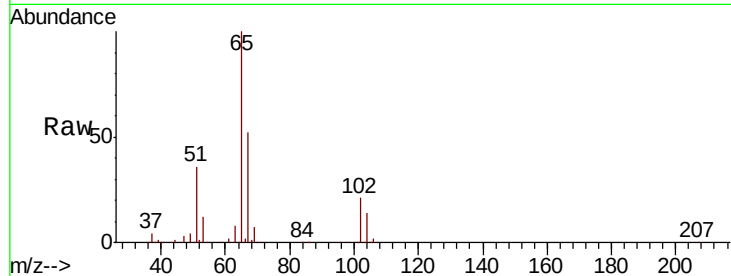
#33
 1,2-Dichloroethane-d4
 Concen: 52.618 ug/l
 RT: 6.02 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.0

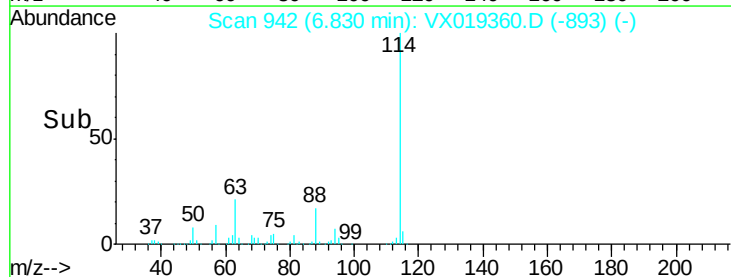
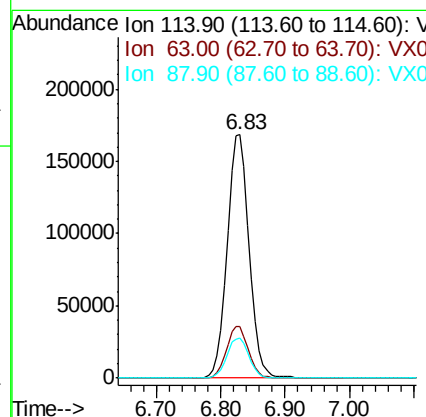
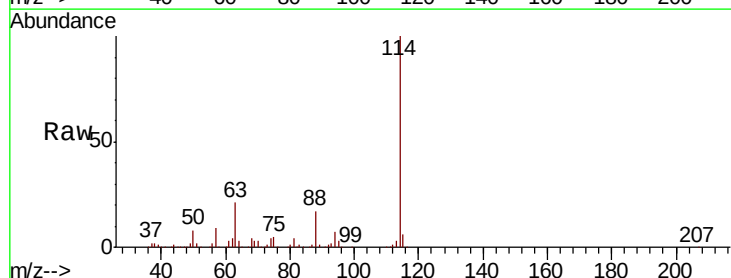
Manual Integrations
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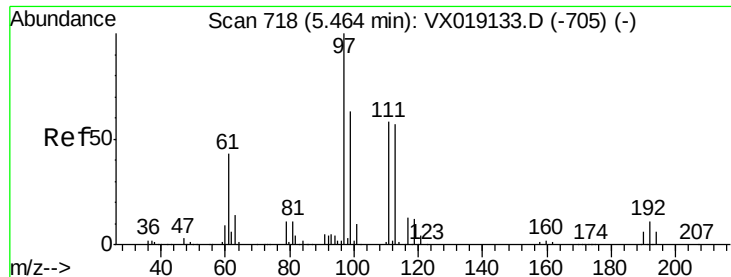
MMDadoda
 11/10/2020 8:57:30 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	38.8
88	16.7	0.0	34.2





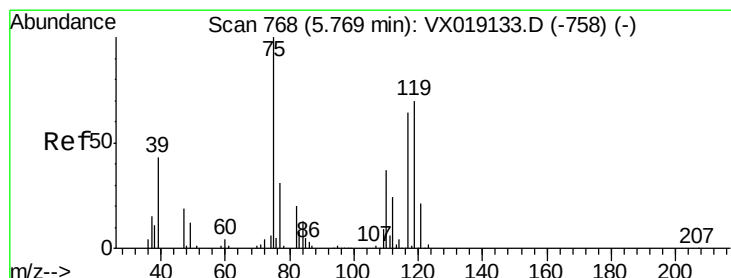
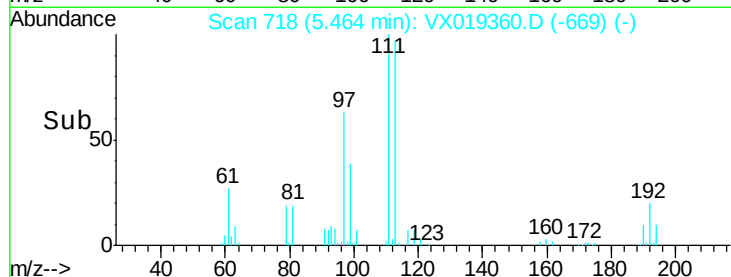
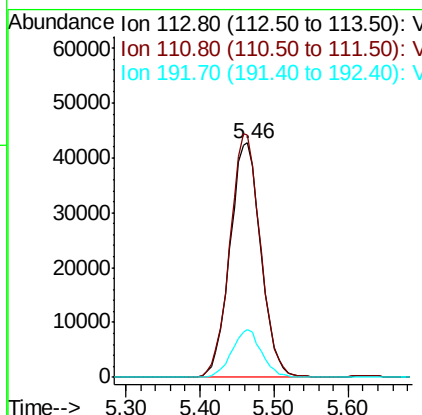
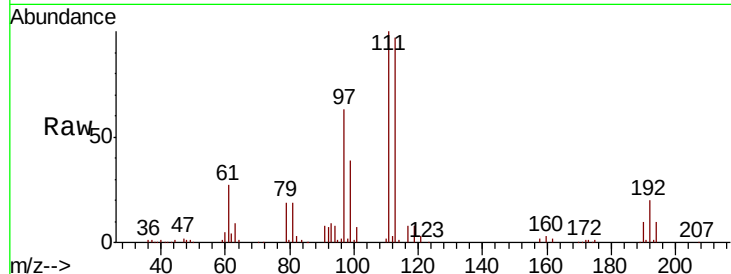
#35
 Dibromofluoromethane
 Concen: 48.886 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	124500		
111	102.4	82.3	123.5	
192	19.4	16.2	24.2	

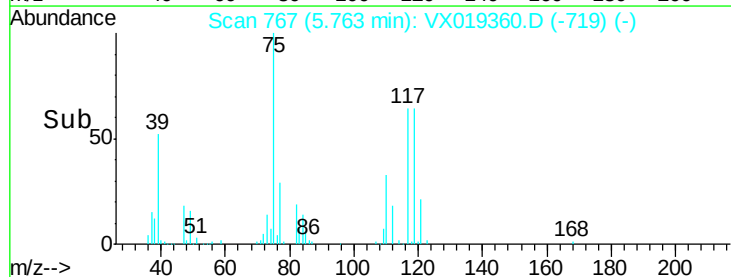
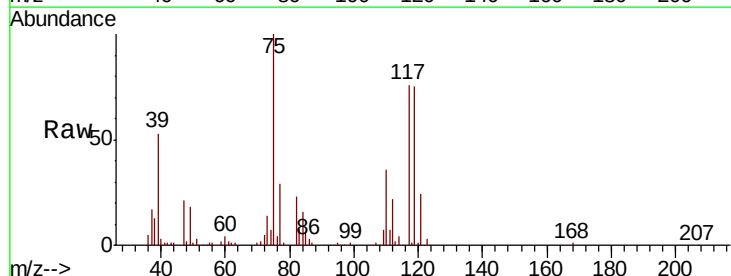
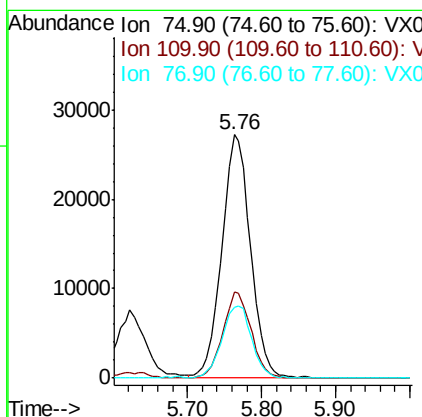
Manual Integrations
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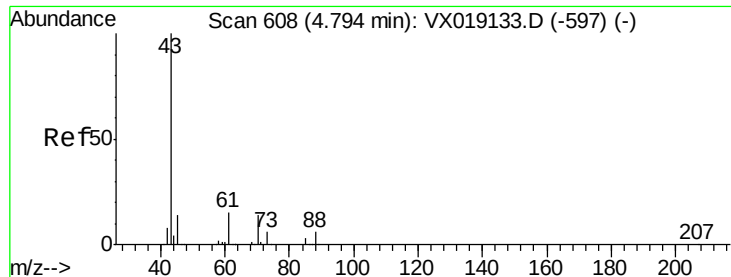
MMDadoda
 11/10/2020 8:57:30 AM



#36
 1,1-Dichloropropene
 Concen: 19.555 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	73213		
110	34.8	18.3	54.9	
77	30.6	24.9	37.3	





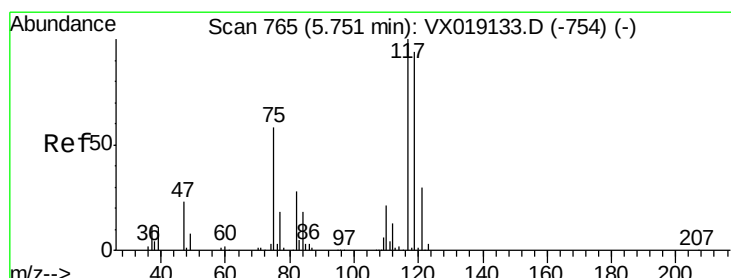
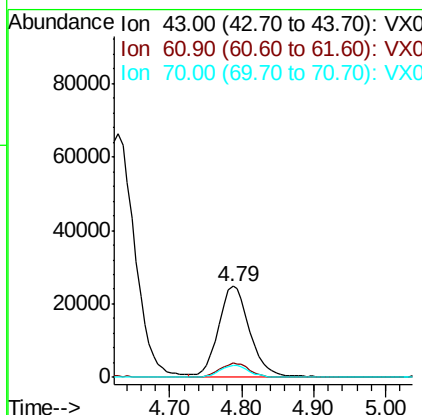
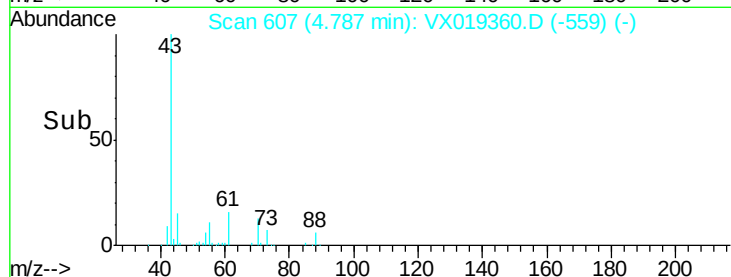
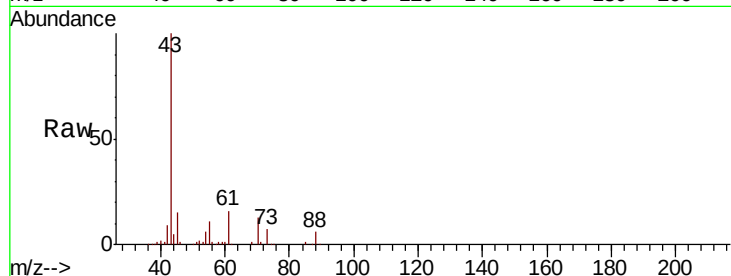
#37
Ethyl Acetate
Concen: 21.361 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.5	18.7
70	12.7	10.5	15.7

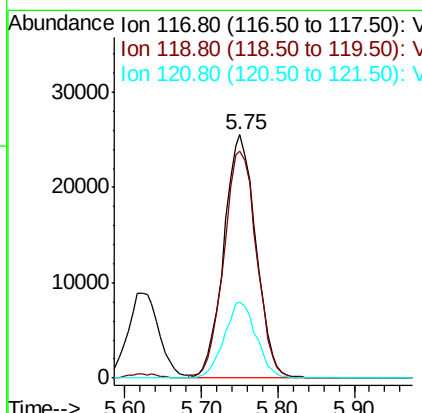
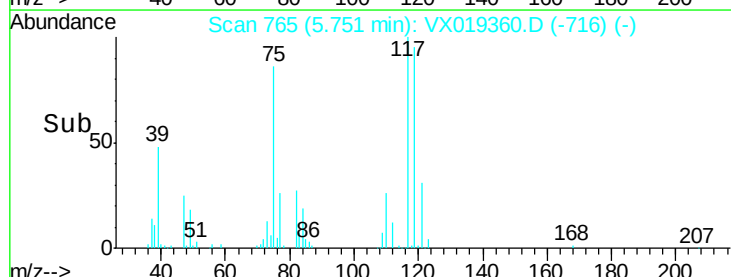
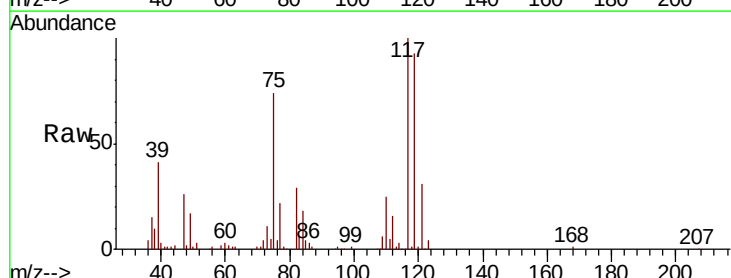
Manual Integrations
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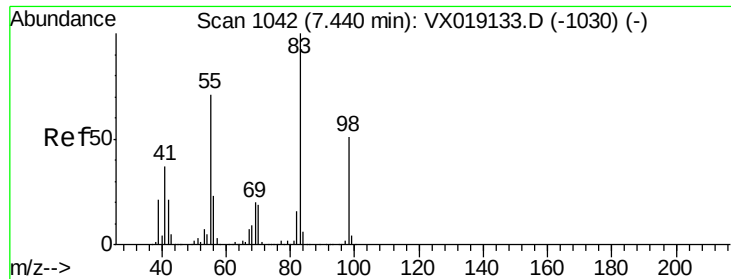
MMDadoda
11/10/2020 8:57:30 AM



#38
Carbon Tetrachloride
Concen: 19.453 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	75.0	112.6
121	31.0	23.9	35.9





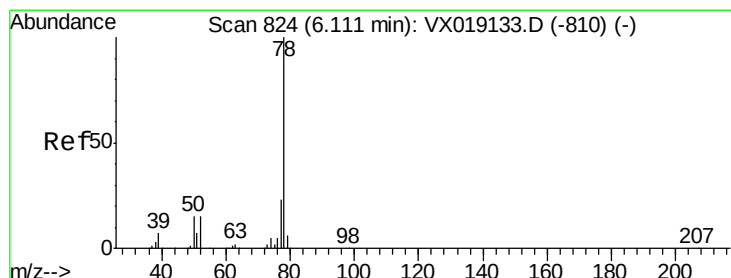
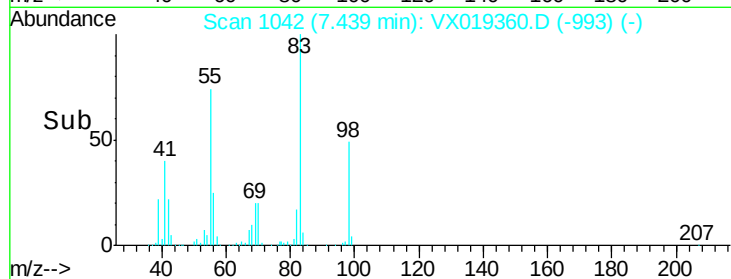
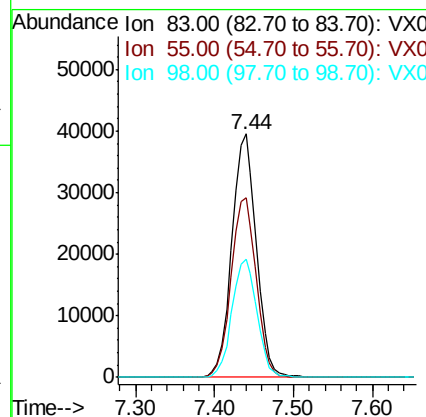
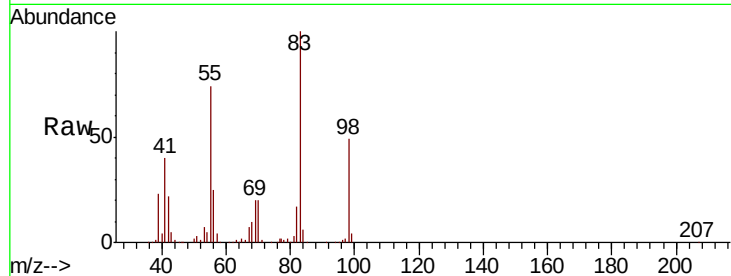
#39
Methylvlcyclohexane
Concen: 19.078 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.7	57.0	85.6
98	48.6	40.5	60.7

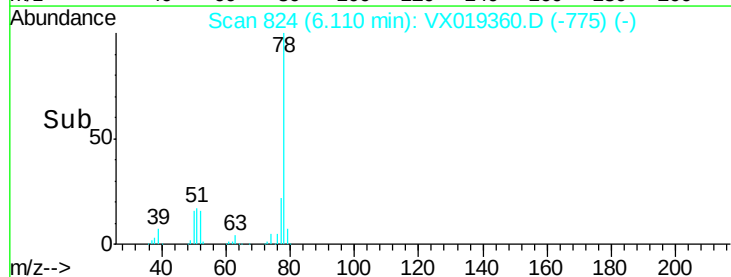
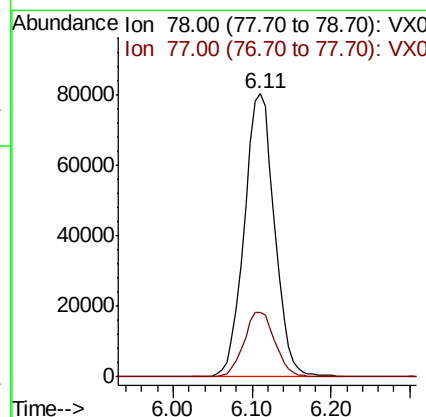
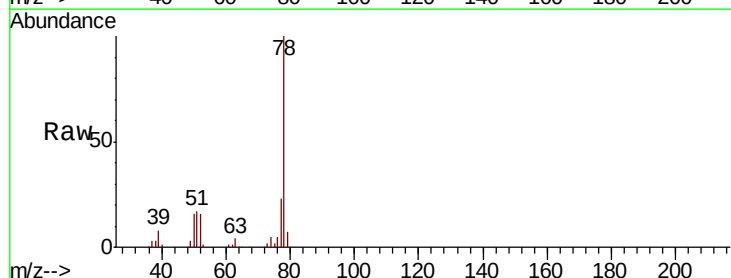
Manual Integrations
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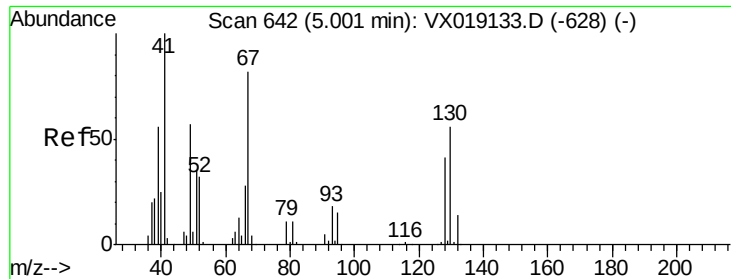
MMDadoda
11/10/2020 8:57:30 AM



#40
Benzene
Concen: 20.202 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.7	28.1





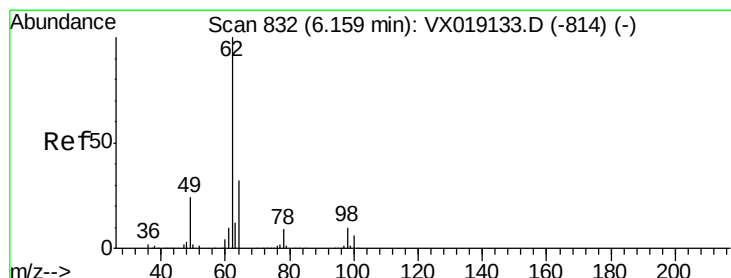
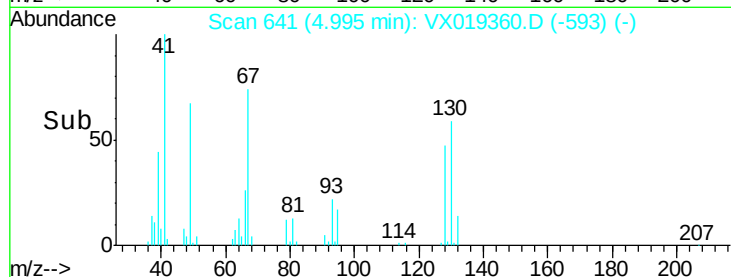
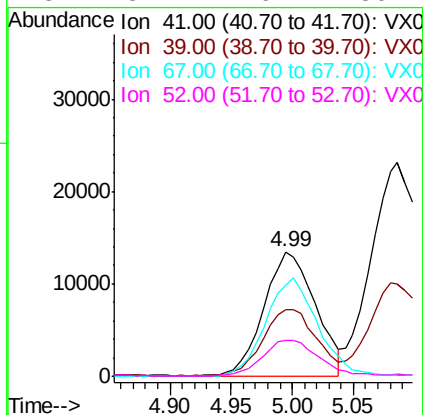
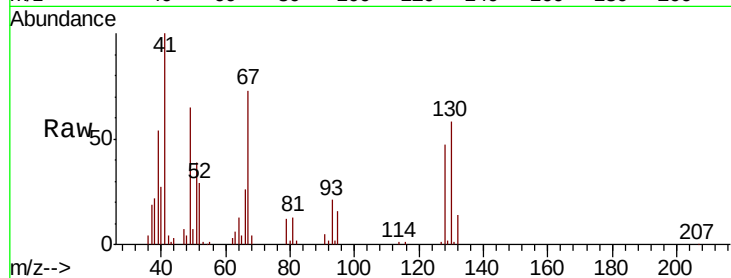
#41
Methacrylonitrile
Concen: 21.128 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Instrument :
MSVOA_X
ClientSampled :
VX1109WBSD01

Tot Ion:	41	Resp:	39553
Ion Ratio	Lower	Upper	
41	100		
39	56.2	44.4	66.6
67	80.1	66.4	99.6
52	32.2	26.2	39.4

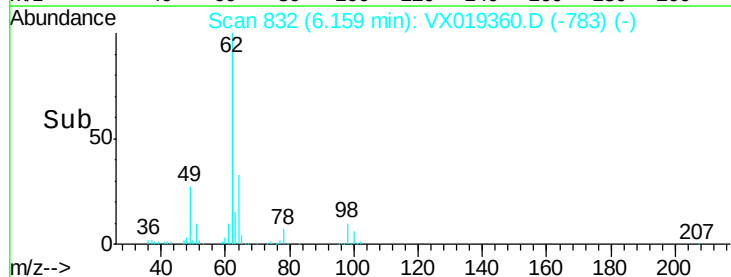
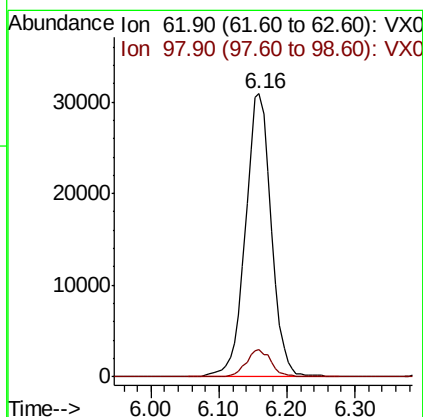
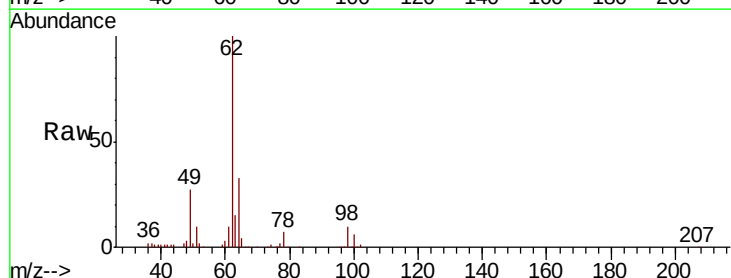
Manual Integrations
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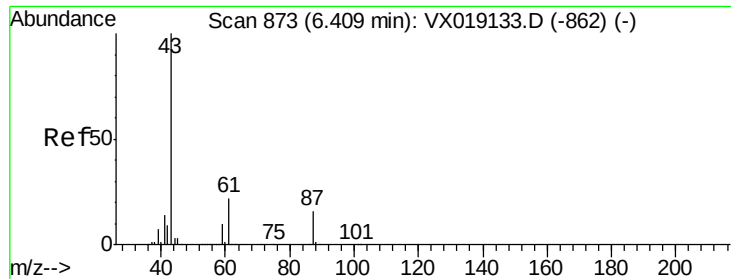
MMDadoda
11/10/2020 8:57:30 AM



#42
1,2-Dichloroethane
Concen: 20.918 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Tgt Ion:	62	Resp:	81838
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	19.0





#43

Isopropyl Acetate

Concen: 21.031 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

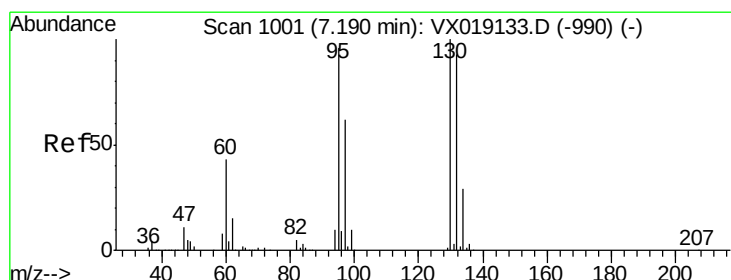
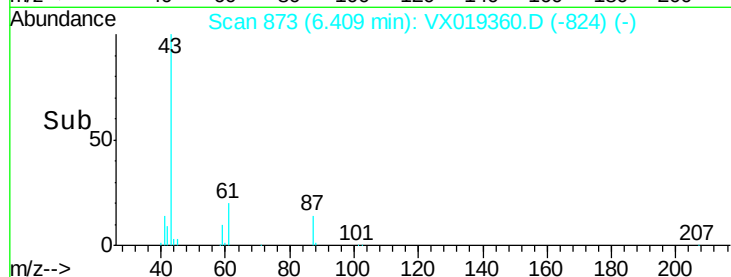
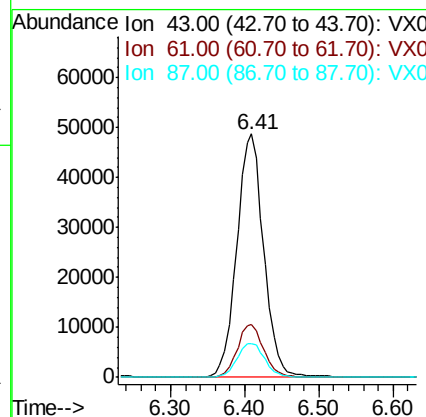
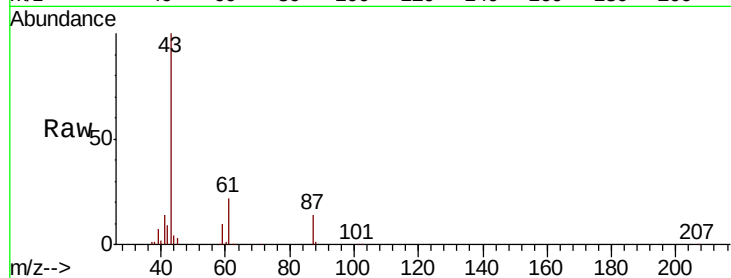
ClientSampleId :

VX1109WBSD01

Tot Ion:	43	Resp:	122412
Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.8	26.6
87	14.7	12.6	19.0

Manual Integrations
APPROVED

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#44

Trichloroethene

Concen: 18.946 ug/l

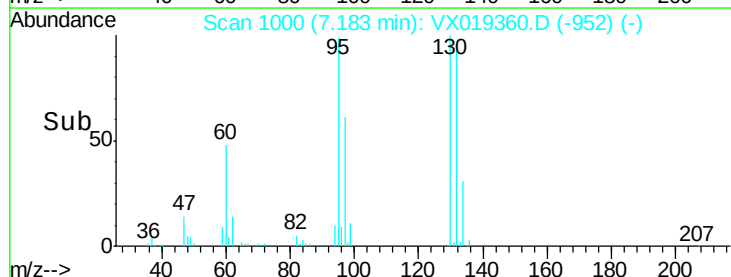
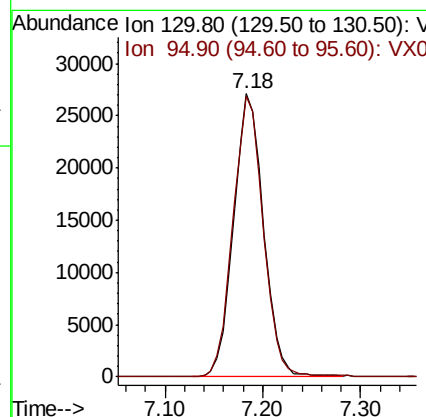
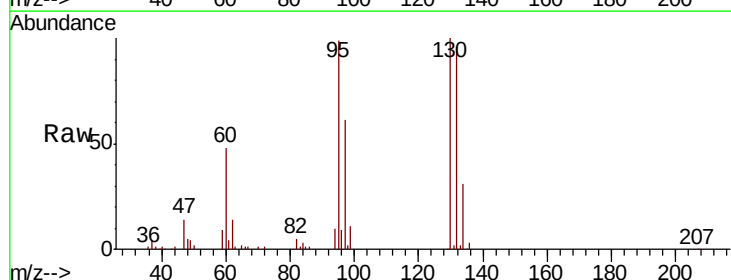
RT: 7.18 min Scan# 1000

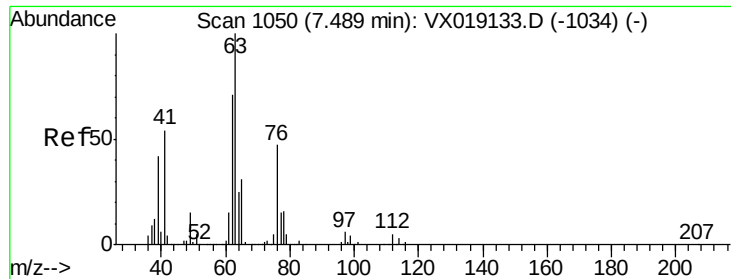
Delta R.T. -0.01 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Tgt Ion:	130	Resp:	57599
Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	192.0





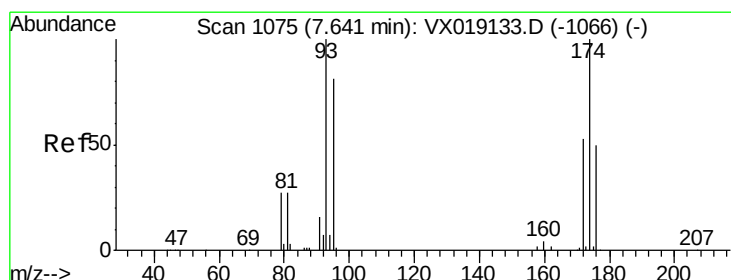
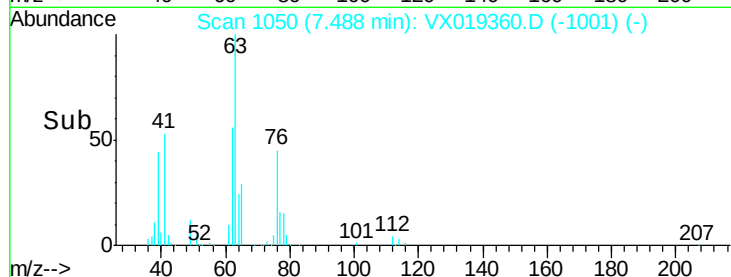
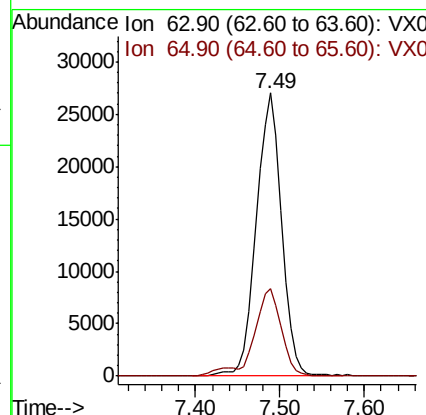
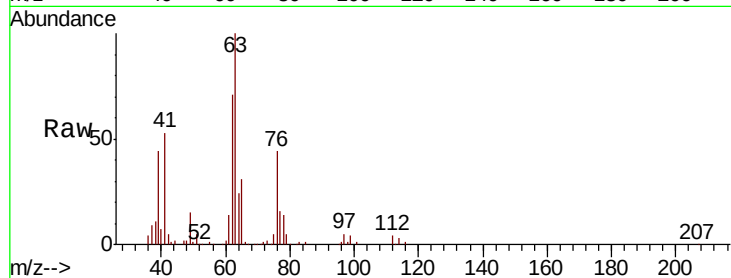
#45
 1,2-Dichloropropane
 Concen: 21.206 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	25.2	37.8

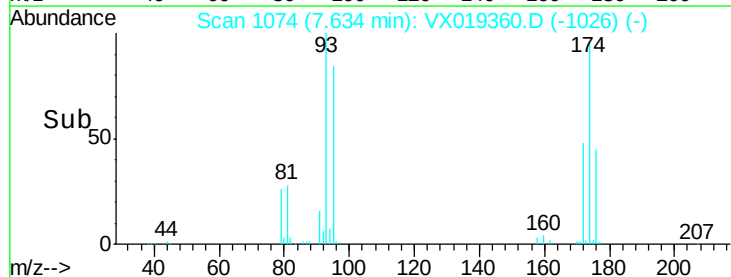
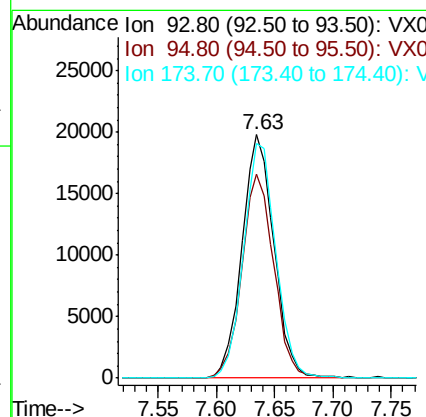
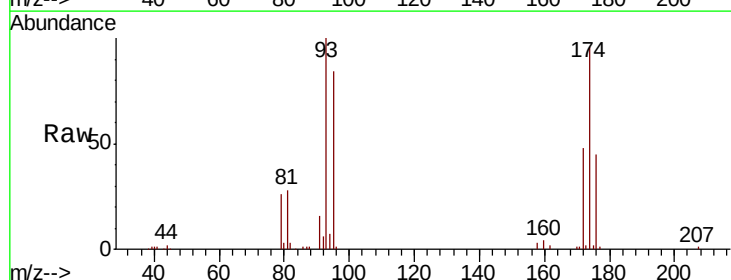
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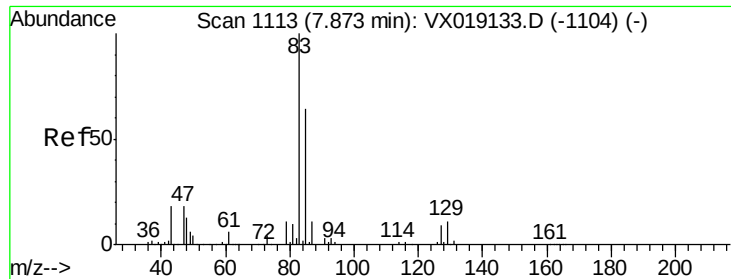
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 11/10/2020 8:57:30 AM



#46
 Dibromomethane
 Concen: 19.706 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	67.0	100.6
174	97.8	81.7	122.5





#47

Bromodichloromethane

Concen: 20.211 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

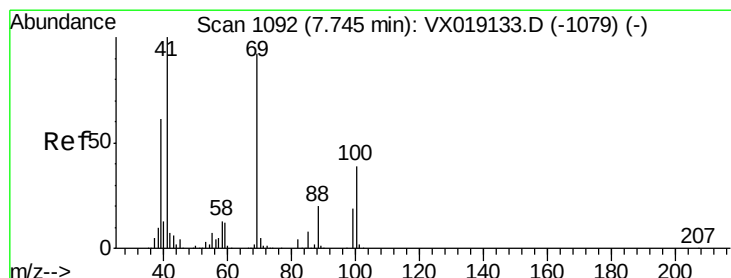
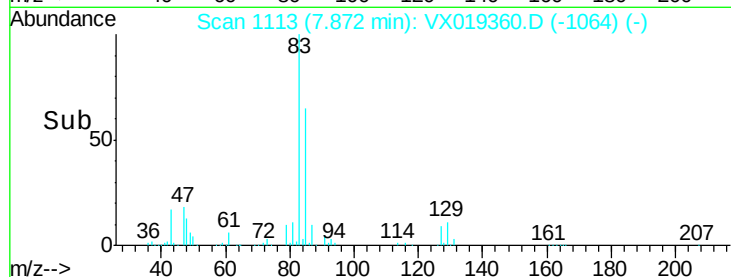
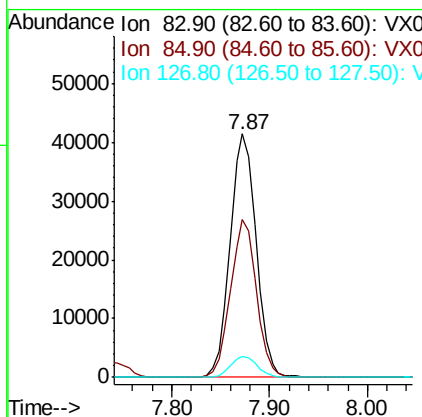
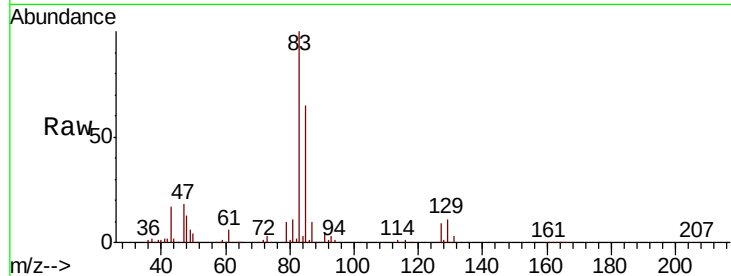
ClientSampleId :

VX1109WBSD01

Tot Ion:	83	Resp:	76594
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.2	76.8
127	8.8	7.1	10.7

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#48

Methyl methacrylate

Concen: 21.053 ug/l

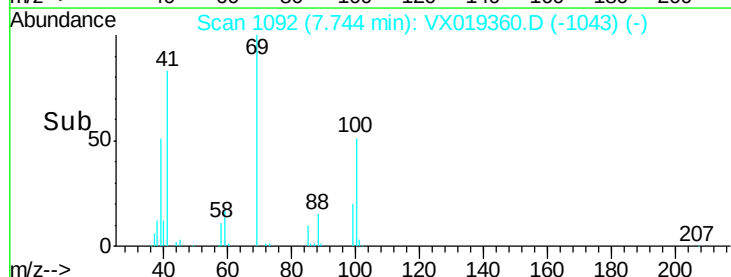
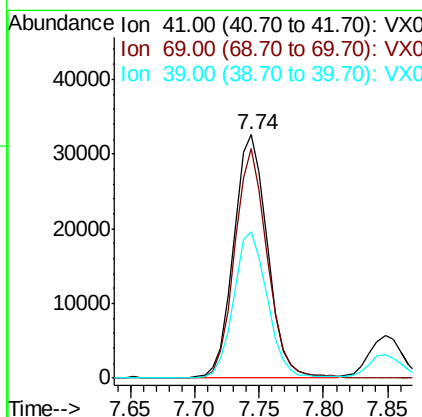
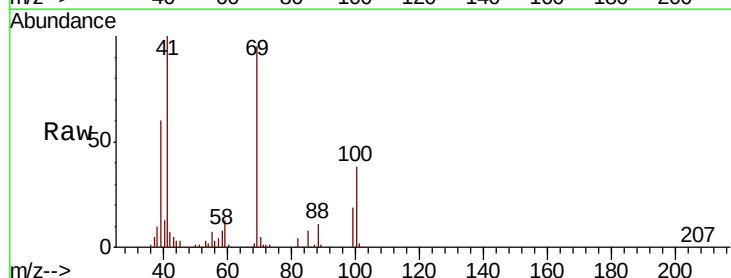
RT: 7.74 min Scan# 1092

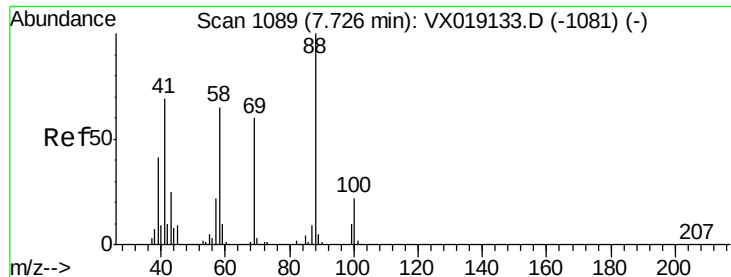
Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Tgt Ion:	41	Resp:	58982
Ion	Ratio	Lower	Upper
41	100		
69	92.0	75.5	113.3
39	60.5	48.9	73.3





#49

1,4-Dioxane

Concen: 421.504 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

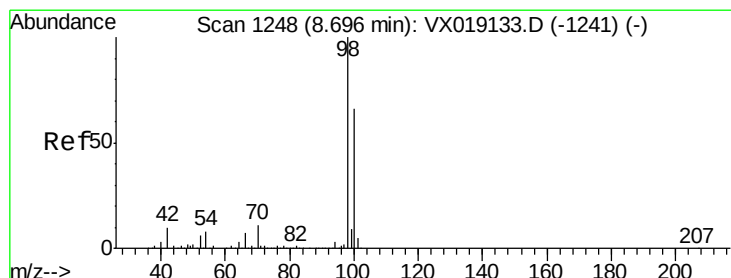
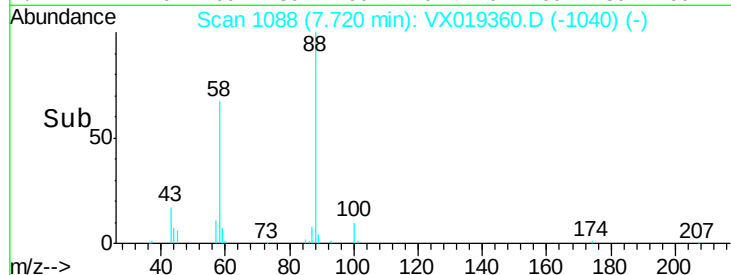
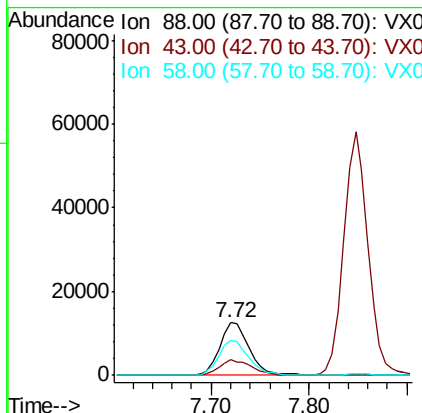
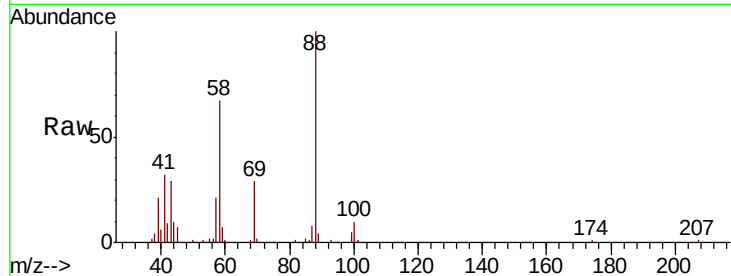
ClientSampleId :

VX1109WBSD01

Tot Ion:	88	Resp:	26261
Ion	Ratio	Lower	Upper
88	100		
43	31.5	23.0	34.6
58	68.1	52.2	78.2

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#50

Toluene-d8

Concen: 49.255 ug/l

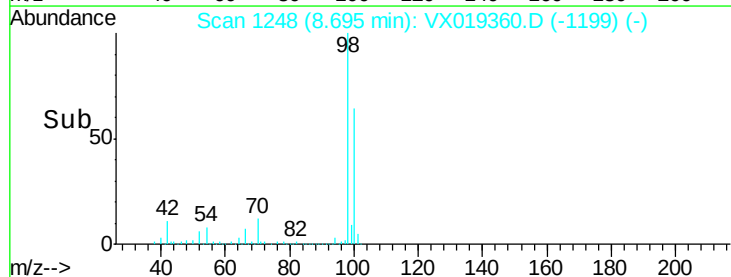
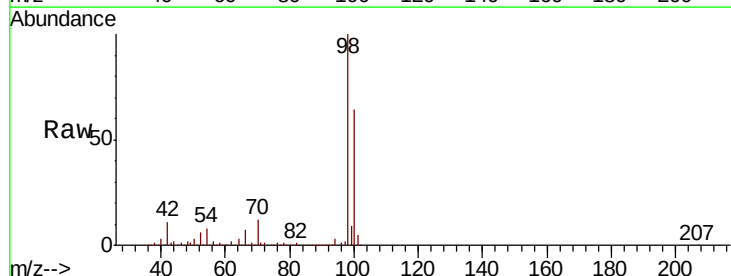
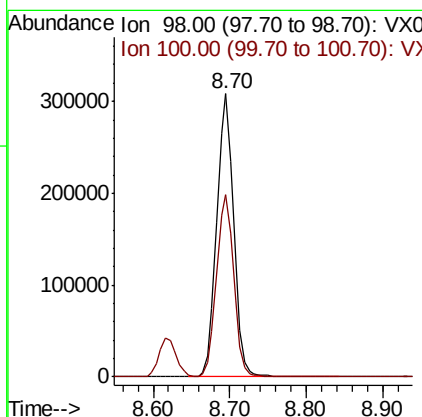
RT: 8.70 min Scan# 1248

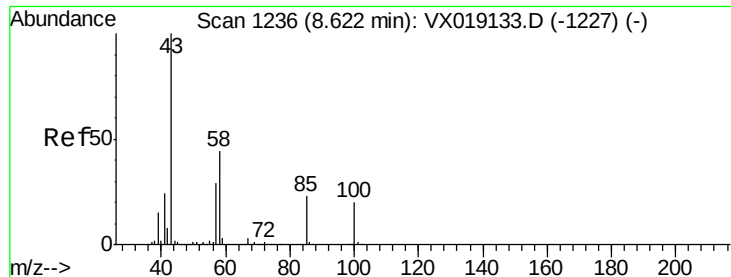
Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Tgt Ion:	98	Resp:	472864
Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.6





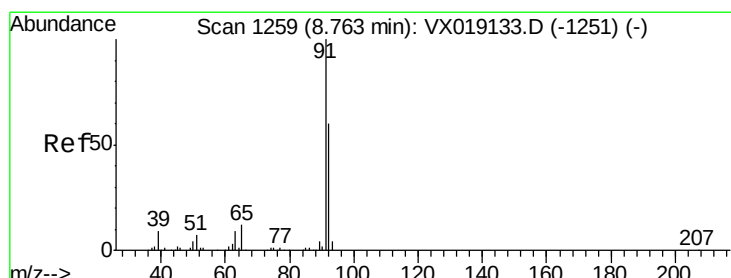
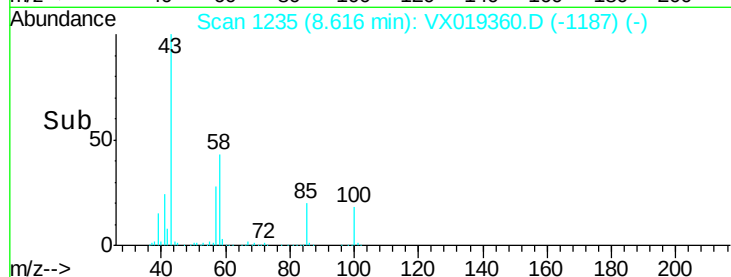
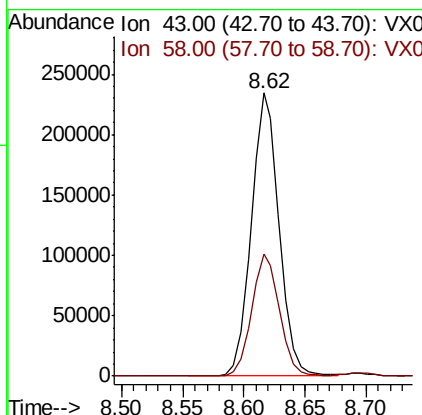
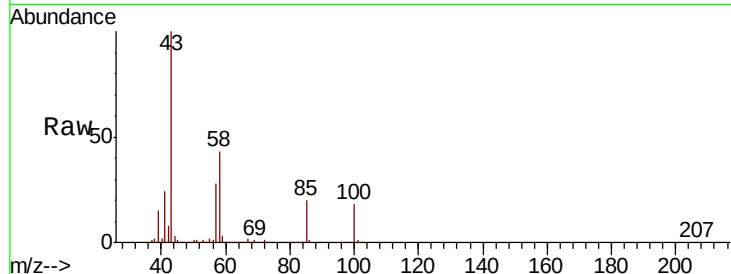
#51
 4-Methyl-2-Pentanone
 Concen: 110.584 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1109WBSD01

Tot Ion: 43 Resp: 369950
 Ion Ratio Lower Upper
 43 100
 58 43.0 35.0 52.4

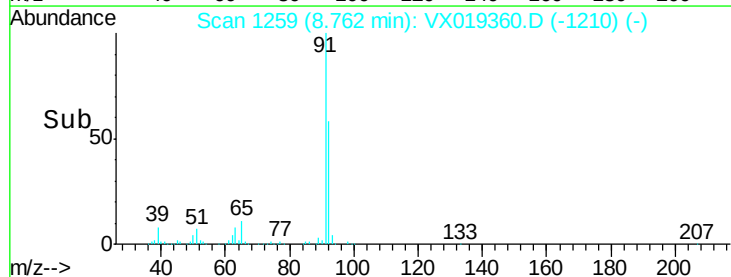
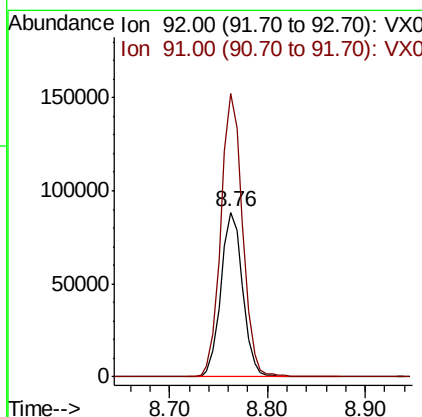
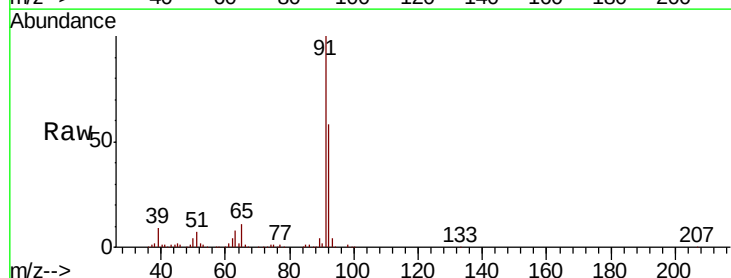
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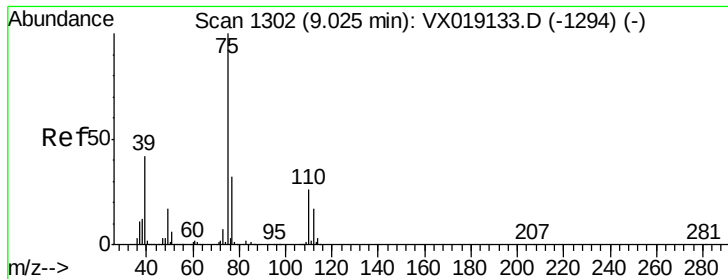
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#52
 Toluene
 Concen: 20.042 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Tgt Ion: 92 Resp: 137026
 Ion Ratio Lower Upper
 92 100
 91 171.4 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 19.528 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion: 75 Resp: 84527

Ion Ratio Lower Upper

75 100

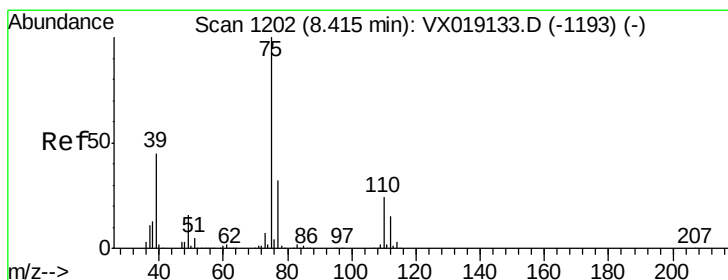
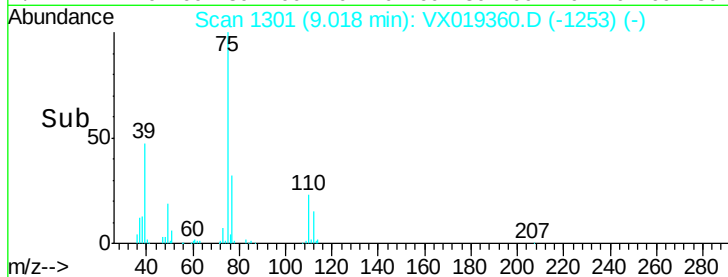
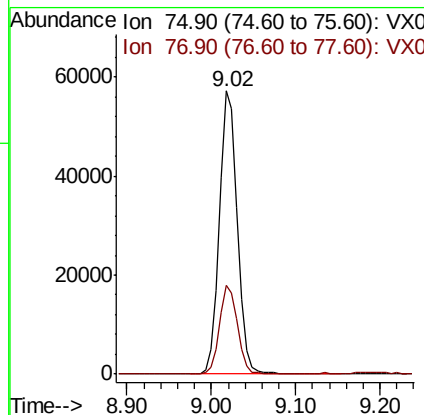
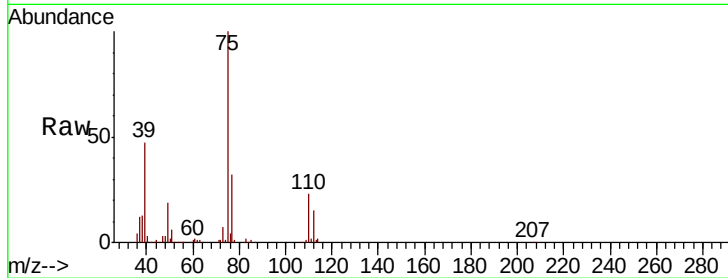
77 31.6 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 20.129 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

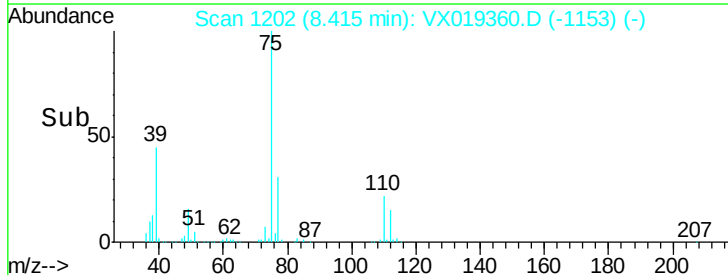
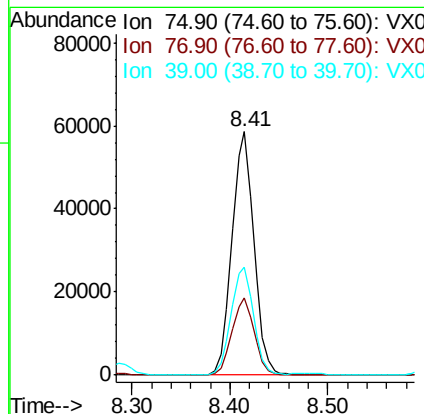
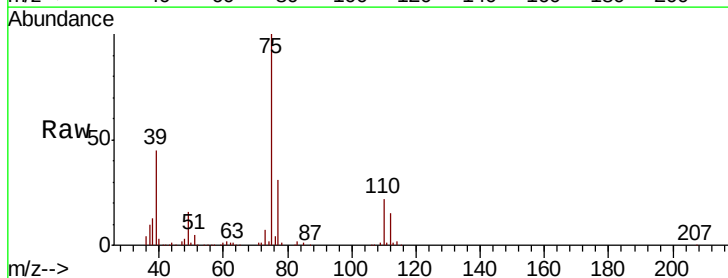
Tgt Ion: 75 Resp: 91619

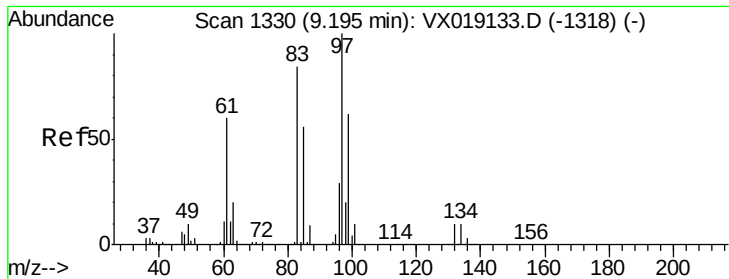
Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

39 44.5 36.2 54.2





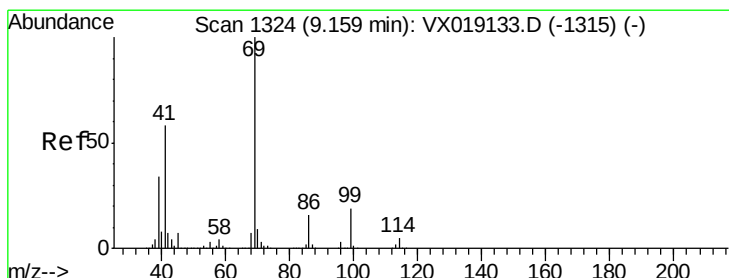
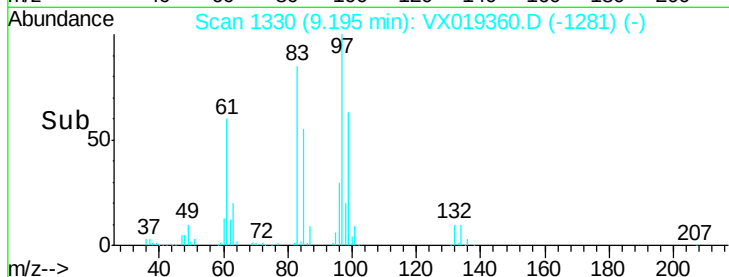
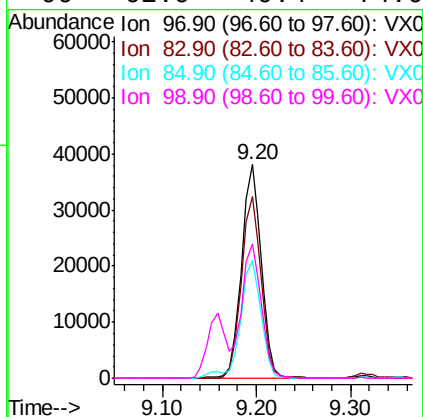
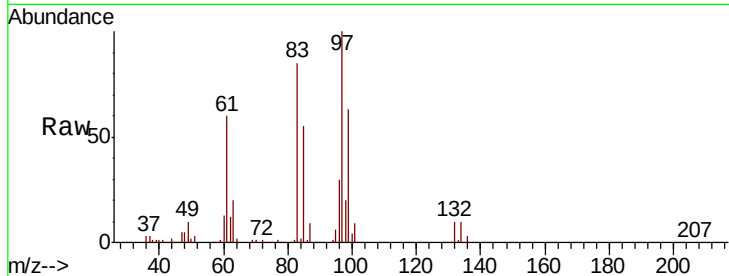
#55
 1,1,2-Trichloroethane
 Concen: 20.582 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.2	100.8
85	55.2	44.6	67.0
99	62.9	49.4	74.0

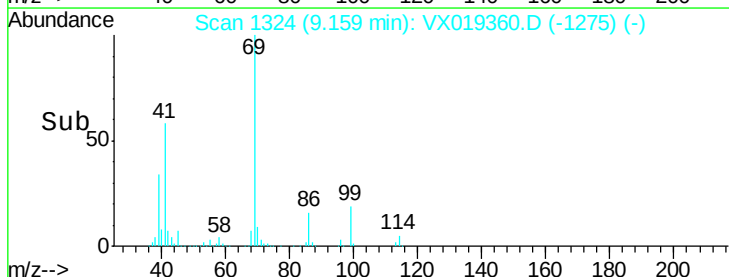
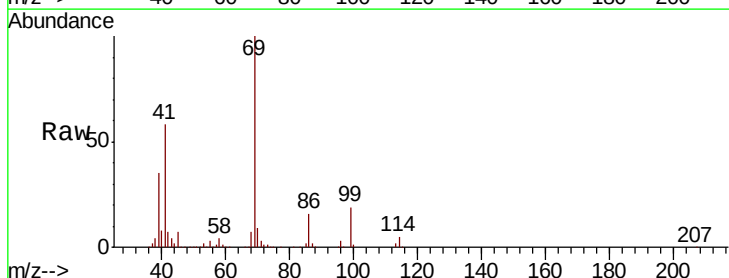
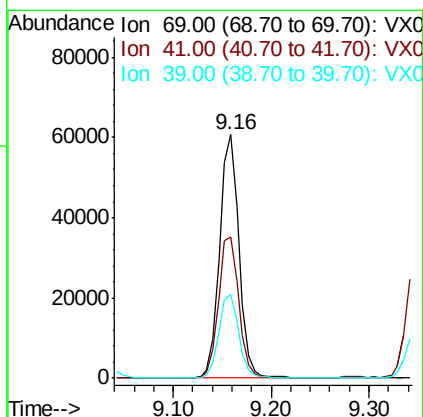
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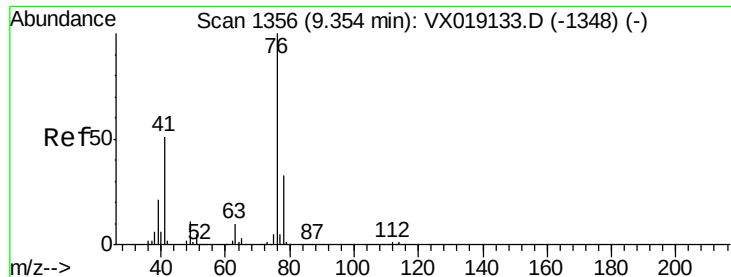
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#56
 Ethyl methacrylate
 Concen: 20.397 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.7	46.5	69.7
39	35.6	27.6	41.4





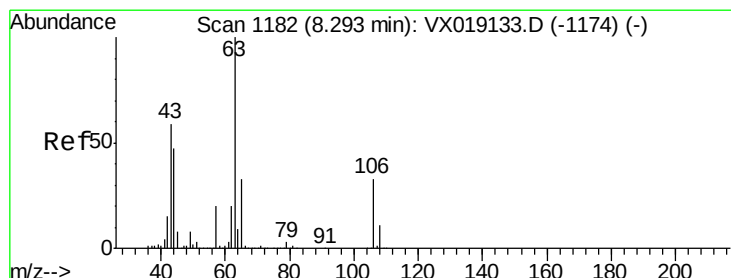
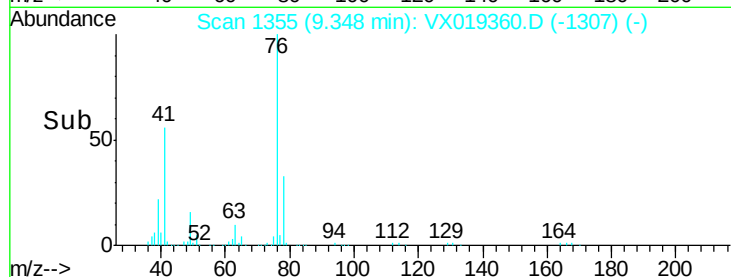
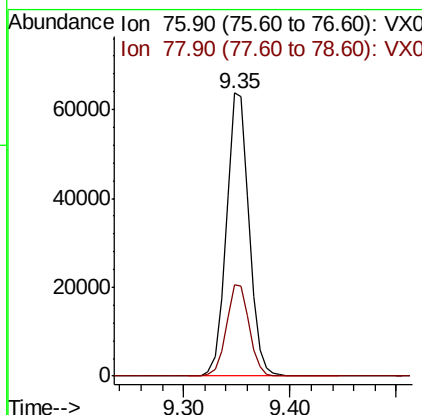
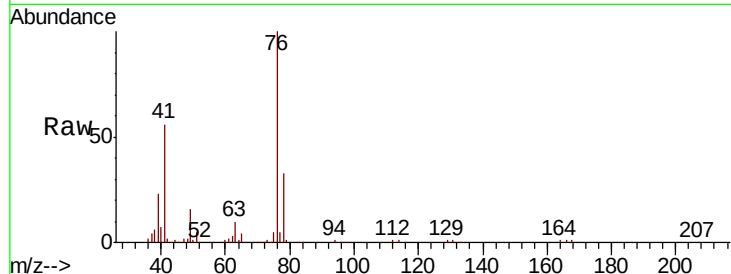
#57
 1,3-Dichloropropane
 Concen: 20.743 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.9	38.9

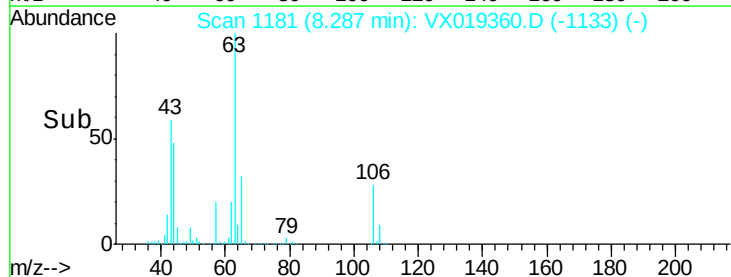
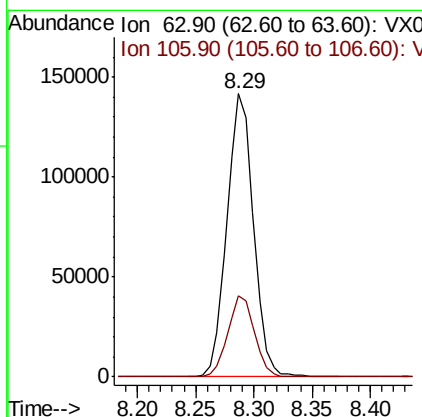
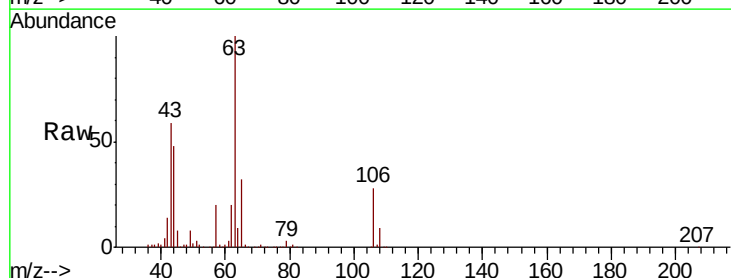
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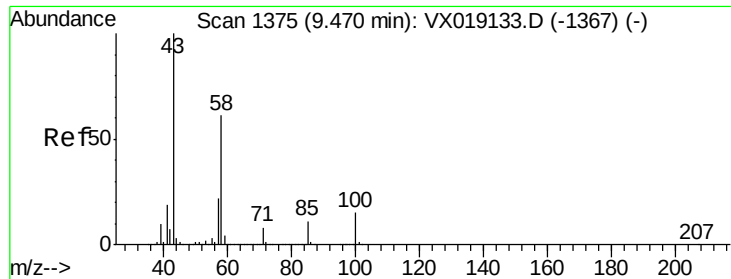
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#58
 2-Chloroethyl Vinyl ether
 Concen: 98.585 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	25.1	37.7





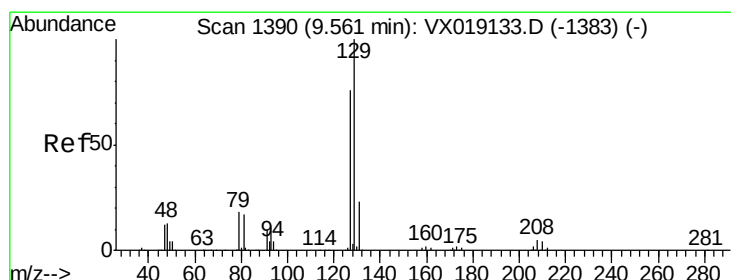
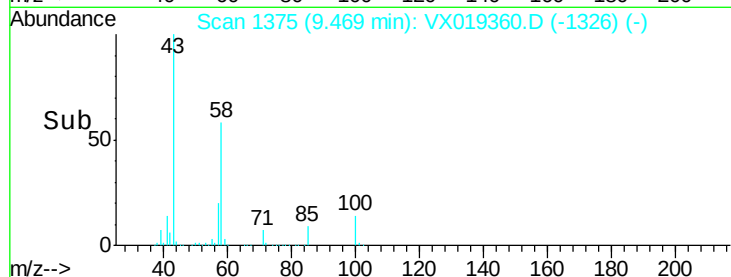
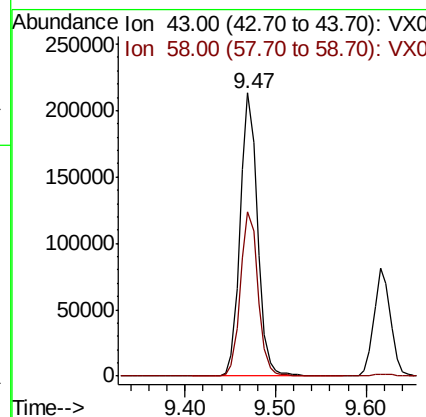
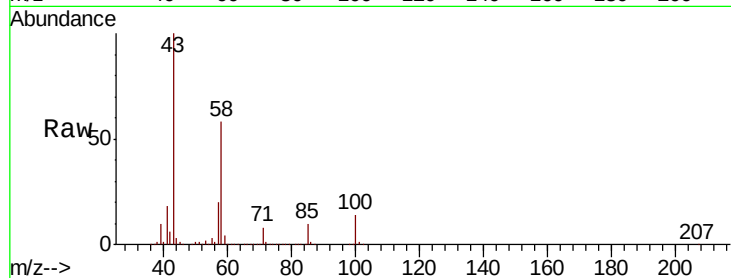
#59
2-Hexanone
Concen: 111.464 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	283851		
58	59.0		30.5	91.5

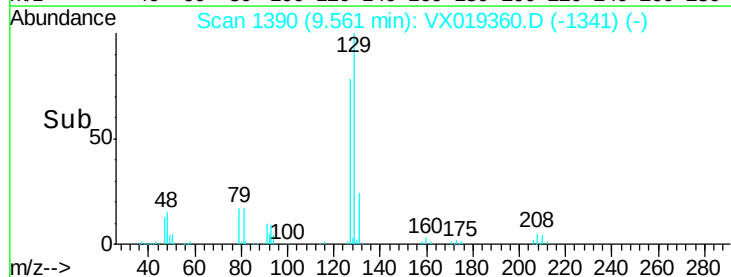
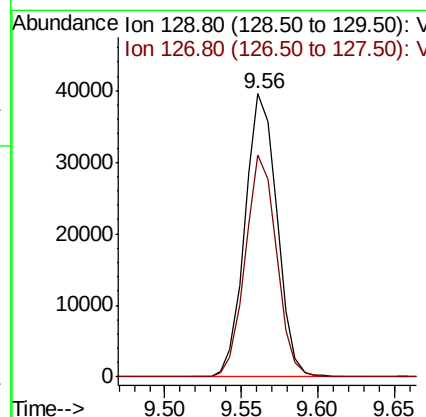
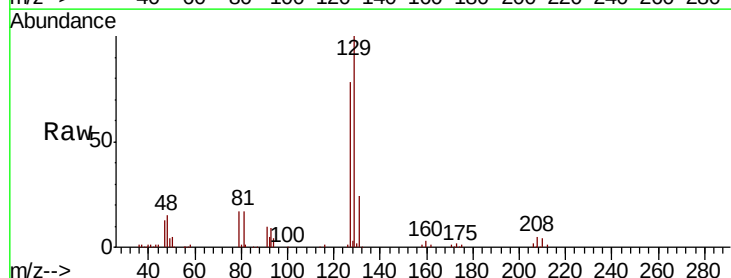
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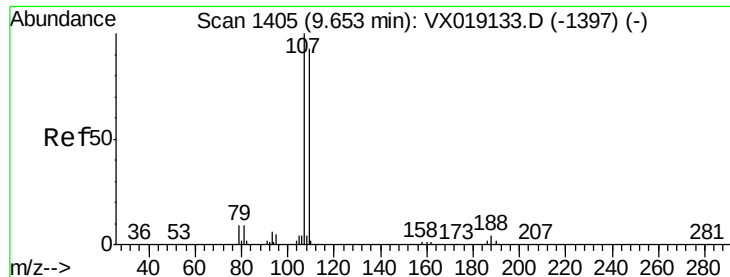
MMDadoda
11/10/2020 8:57:30 AM



#60
Dibromochloromethane
Concen: 19.620 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
129	100	57519		
127	76.5		38.6	115.8





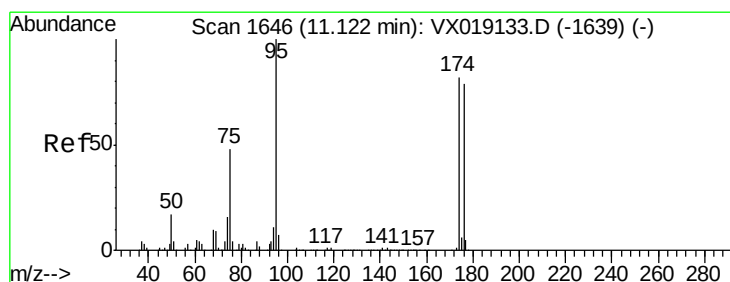
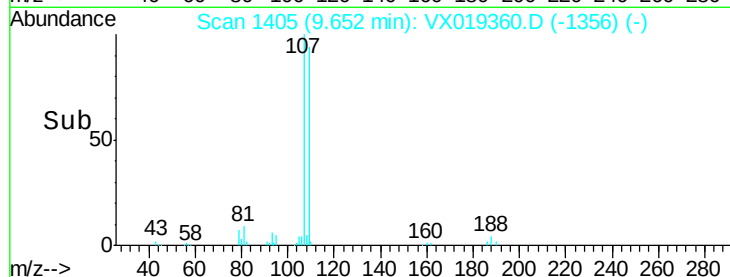
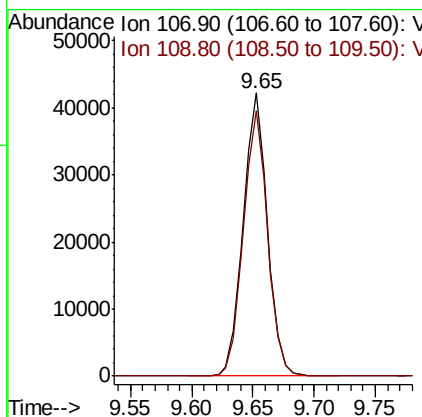
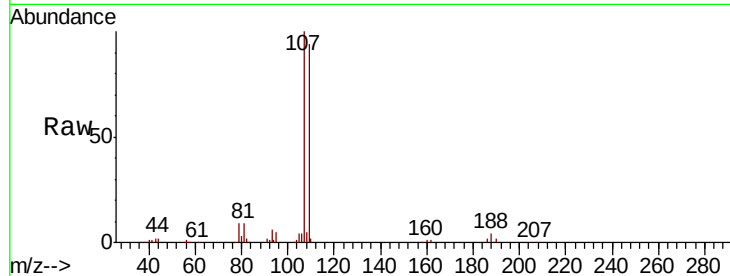
#61
 1,2-Dibromoethane
 Concen: 20.010 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.9	113.9

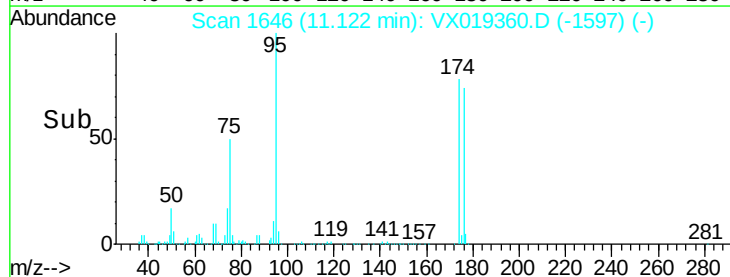
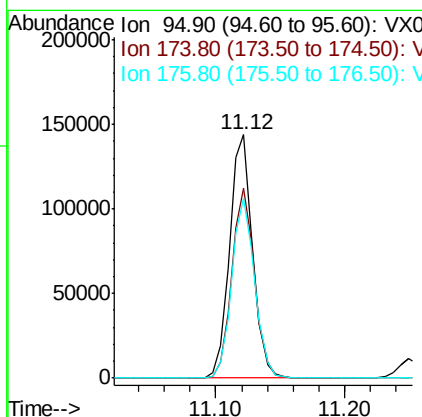
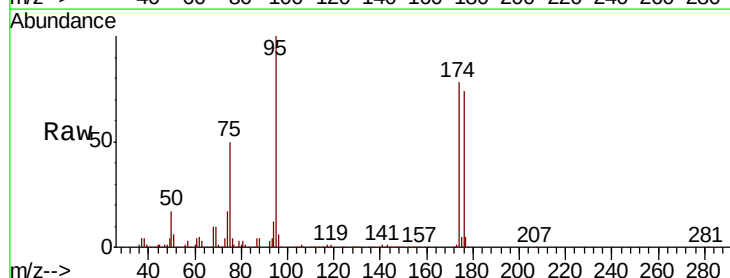
Manual Integrations
 APPROVED

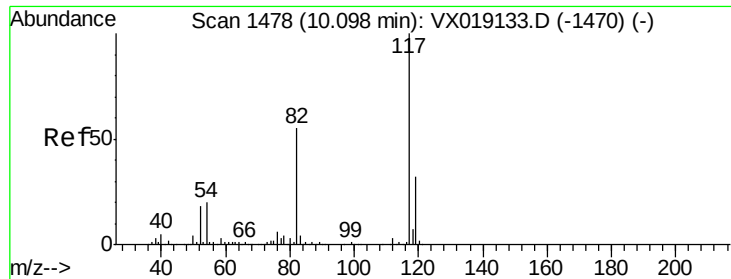
MMDadoda
 11/10/2020 8:57:30 AM



#62
 4-Bromofluorobenzene
 Concen: 49.522 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	156.0
176	73.6	0.0	149.8





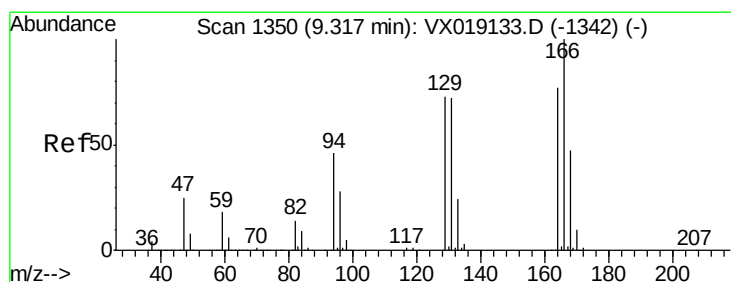
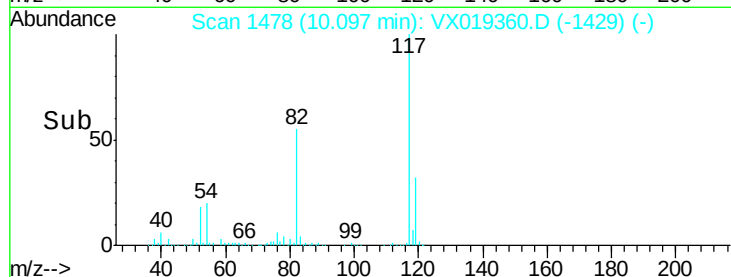
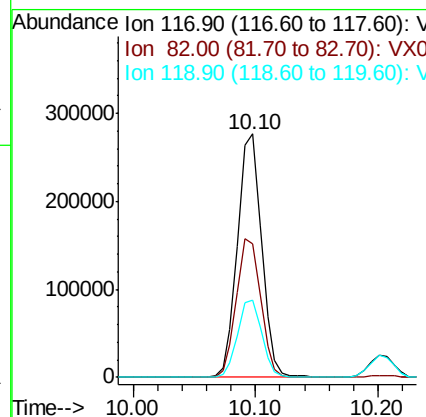
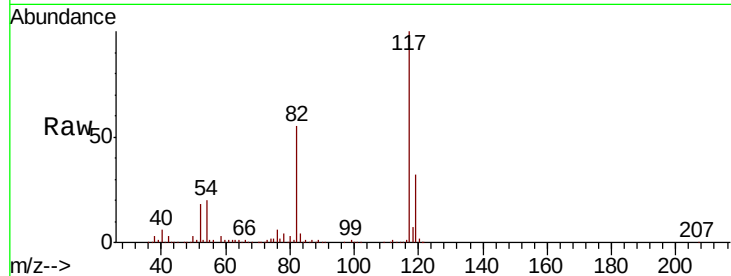
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	377196		
82	54.7		43.6	65.4
119	31.6		25.5	38.3

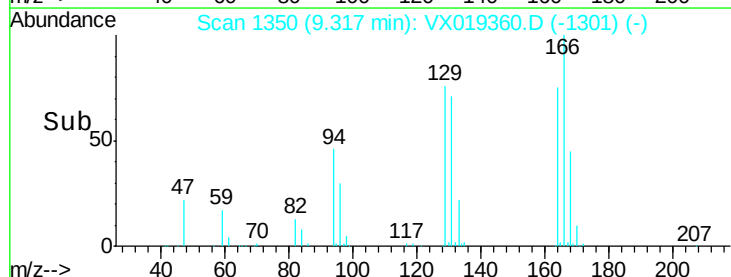
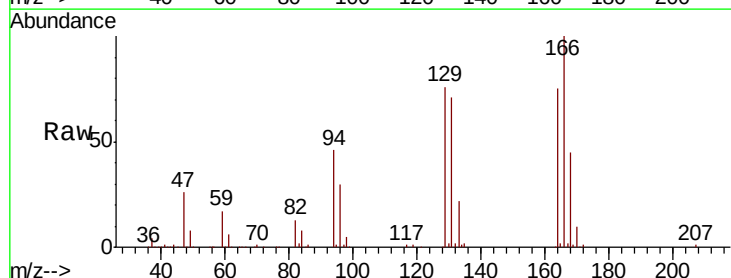
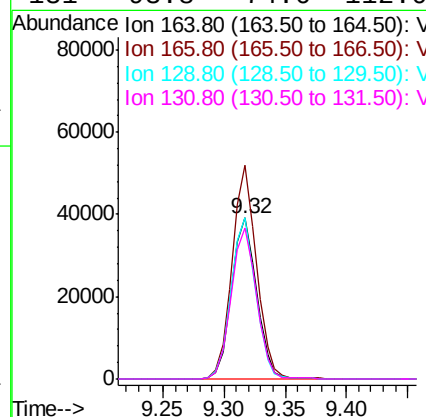
Manual Integrations
APPROVED

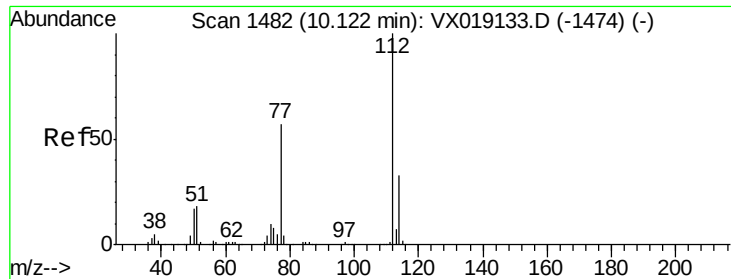
MMDadoda
11/10/2020 8:57:30 AM



#64
Tetrachloroethene
Concen: 19.312 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	55498		
166	132.5		104.1	156.1
129	100.4		76.2	114.4
131	93.8		74.6	112.0





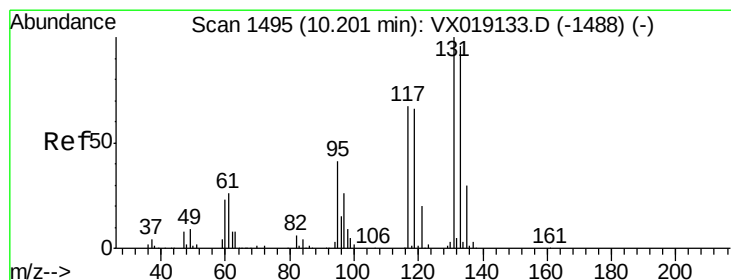
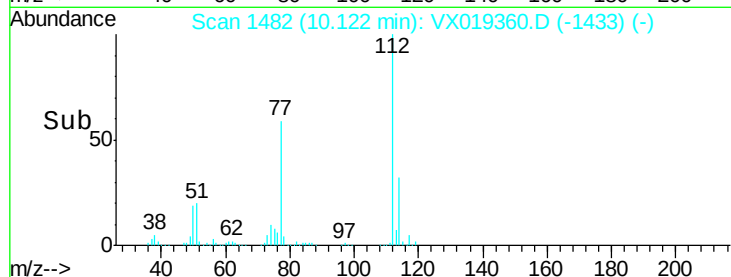
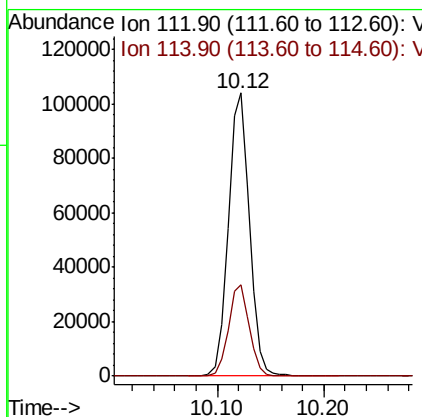
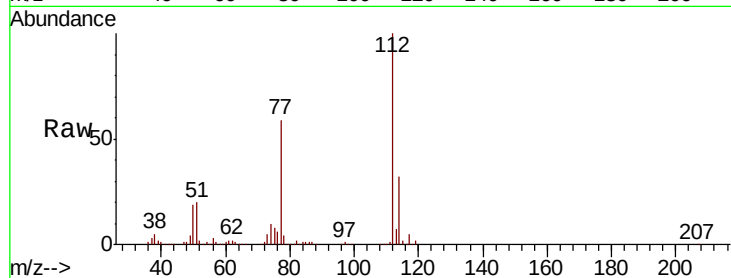
#65
Chlorobenzene
Concen: 18.673 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion:112 Resp: 143962
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1

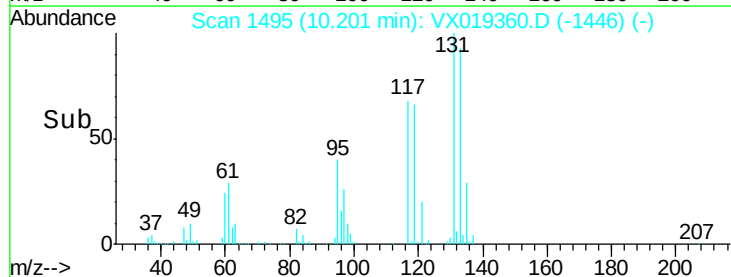
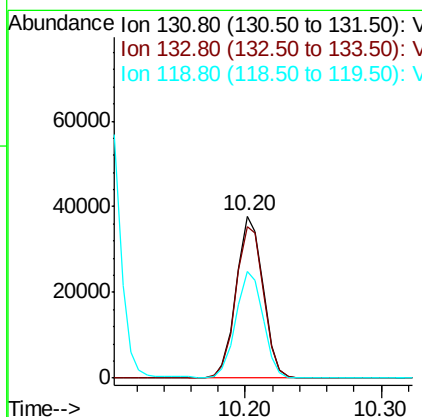
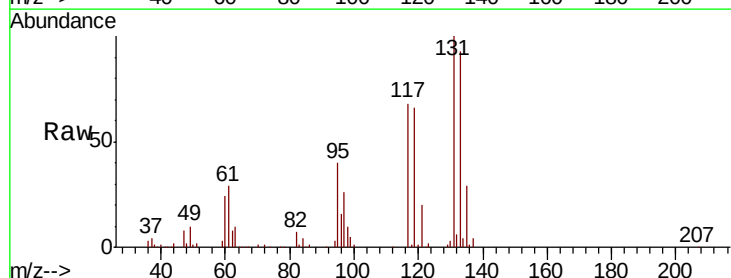
Manual Integrations
APPROVED

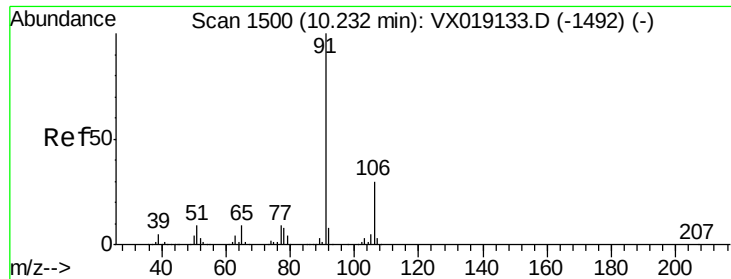
MMDadoda
11/10/2020 8:57:30 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.764 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Tgt Ion:131 Resp: 52080
Ion Ratio Lower Upper
131 100
133 96.1 47.3 141.8
119 66.6 32.3 96.9





#67

Ethyl Benzene

Concen: 19.100 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion: 91 Resp: 262385

Ion Ratio Lower Upper

91 100

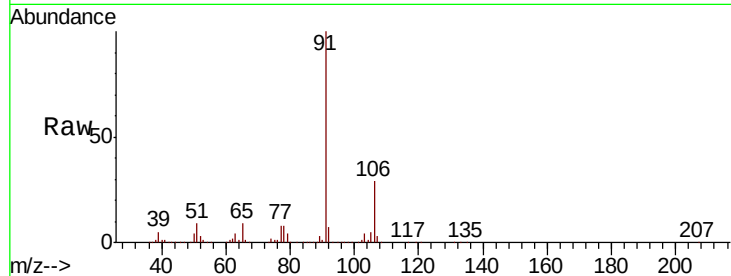
106 29.5 24.3 36.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019133.D (-1492) (-)

Ion 106.00 (105.70 to 106.70): VX019133.D (-1492) (-)

300000

200000

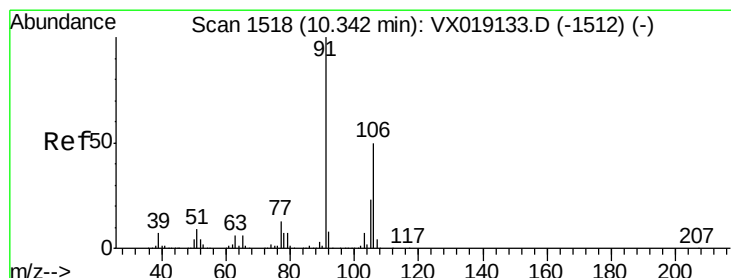
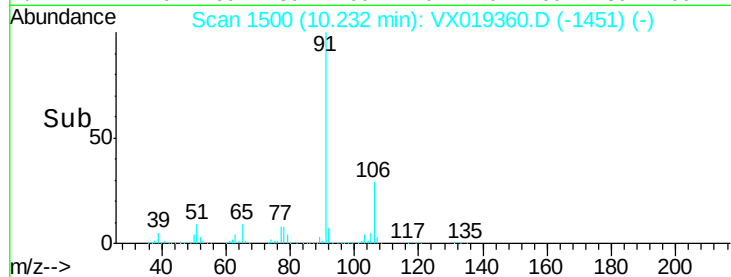
100000

0

10.20 10.30

10.23

Time-->



#68

m/p-Xylenes

Concen: 37.574 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019360.D

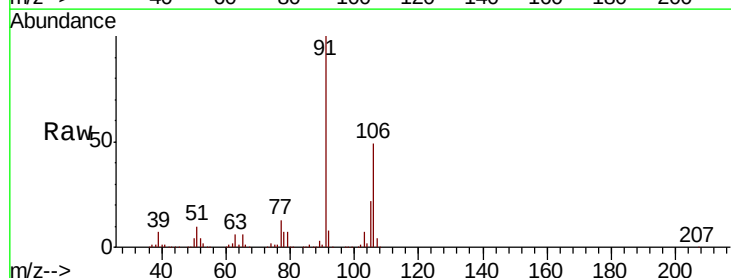
Acq: 09 Nov 2020 12:21

Tgt Ion: 106 Resp: 193730

Ion Ratio Lower Upper

106 100

91 208.2 161.0 241.4



Abundance Ion 106.00 (105.70 to 106.70): VX019133.D (-1512) (-)

Ion 91.00 (90.70 to 91.70): VX019133.D (-1512) (-)

300000

200000

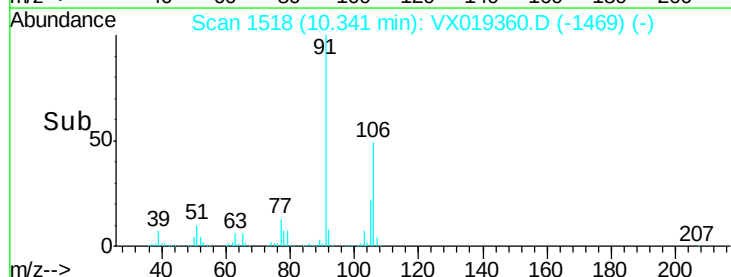
100000

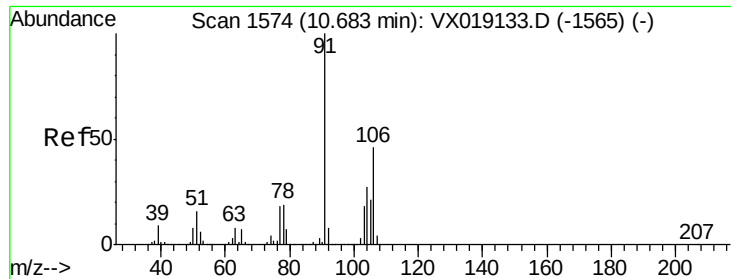
0

10.30 10.40

10.34

Time-->





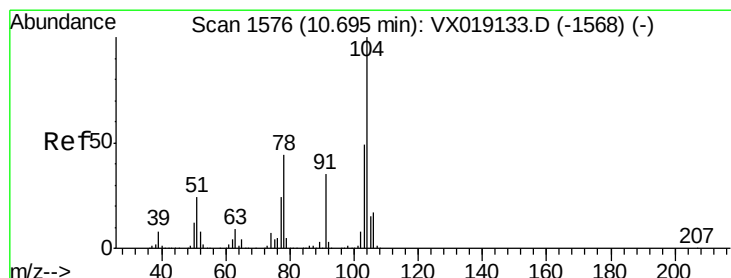
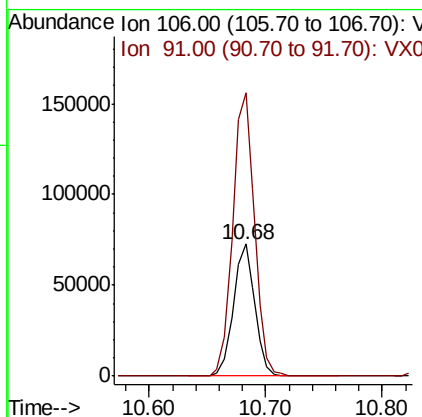
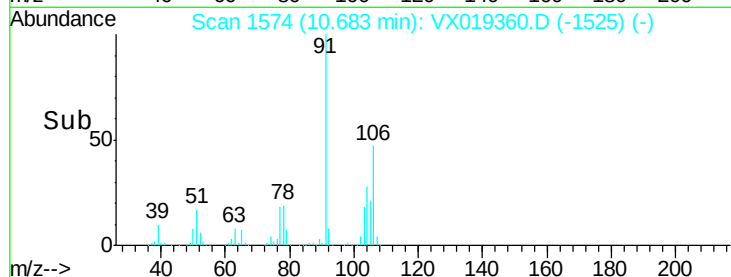
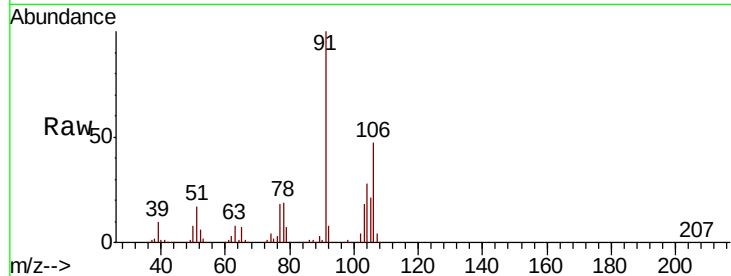
#69
o-Xylene
Concen: 19.016 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion:106 Resp: 92999
Ion Ratio Lower Upper
106 100
91 218.7 108.3 324.8

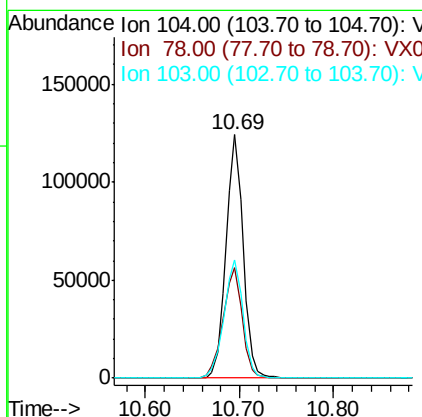
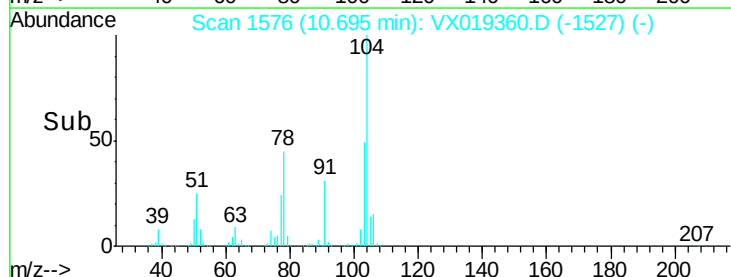
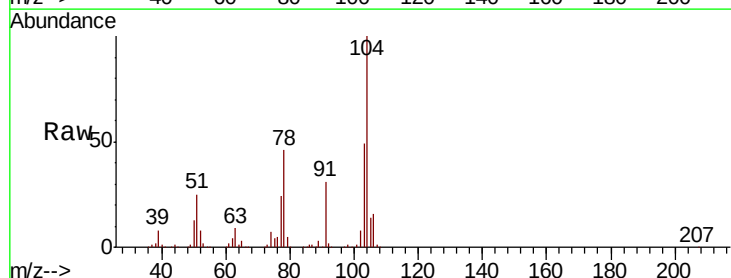
Manual Integrations
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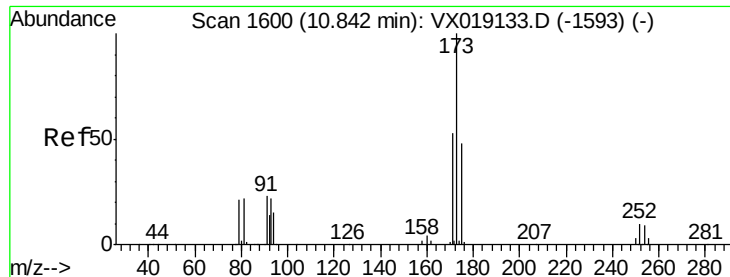
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11/10/2020 8:57:30 AM



#70
Styrene
Concen: 18.845 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Tgt Ion:104 Resp: 157251
Ion Ratio Lower Upper
104 100
78 51.0 40.0 60.0
103 53.8 43.5 65.3





#71

Bromoform

Concen: 17.890 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion:173 Resp: 39368

Ion Ratio Lower Upper

173 100

175 48.0 24.4 73.4

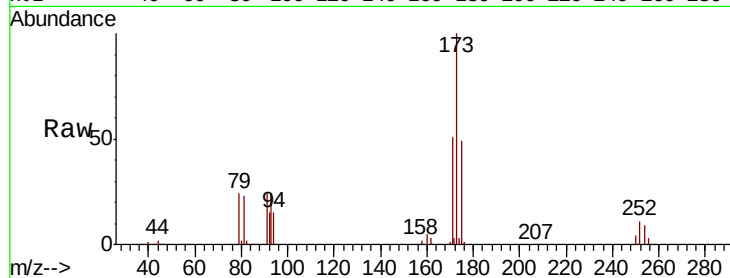
254 0.0 0.1 0.1#

Manual Integrations

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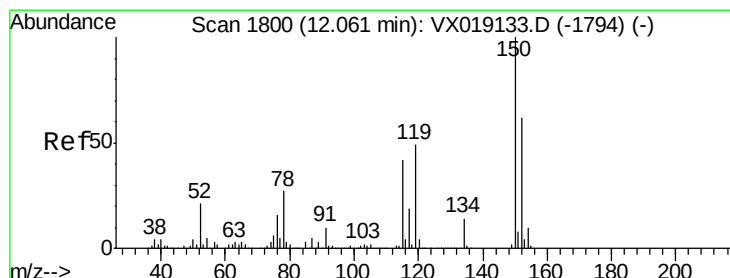
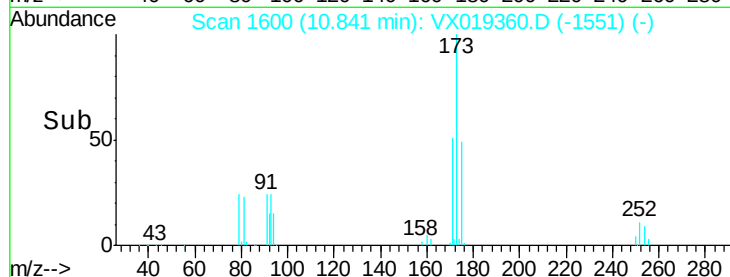
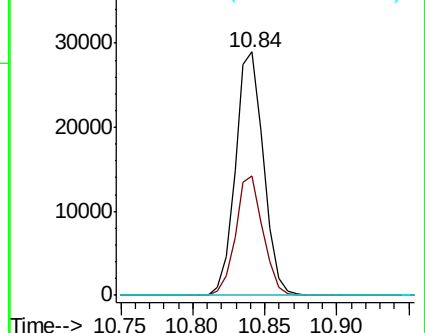
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX019360.D

Acq: 09 Nov 2020 12:21

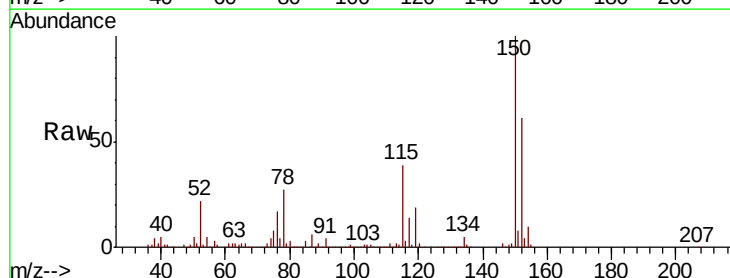
Tgt Ion:152 Resp: 186966

Ion Ratio Lower Upper

152 100

115 70.8 41.9 125.7

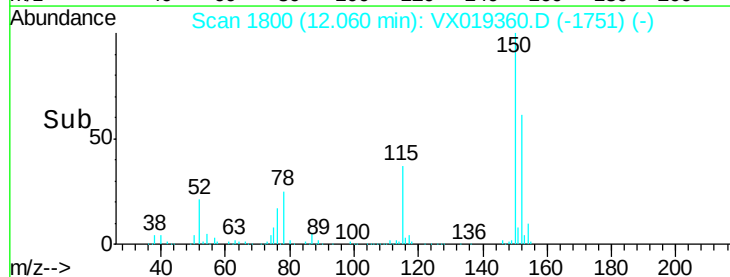
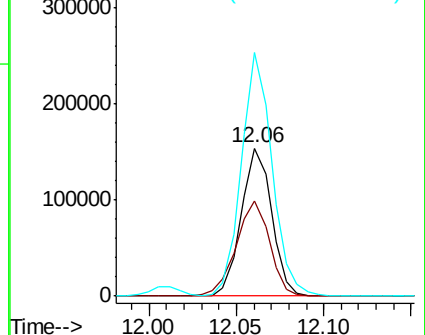
150 166.2 0.0 347.8

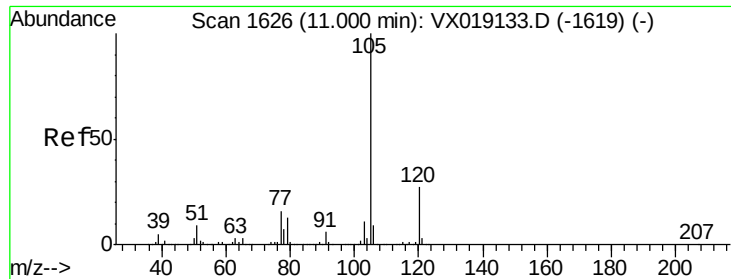


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





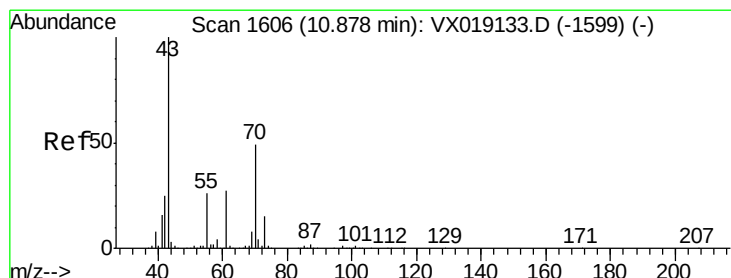
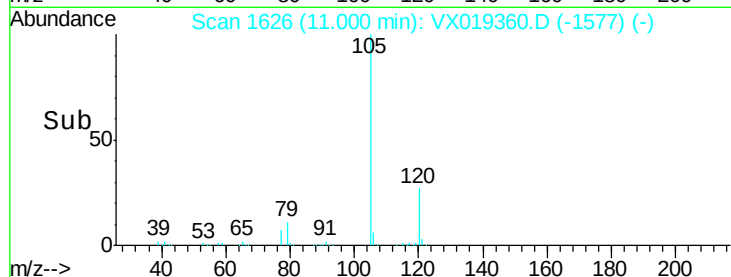
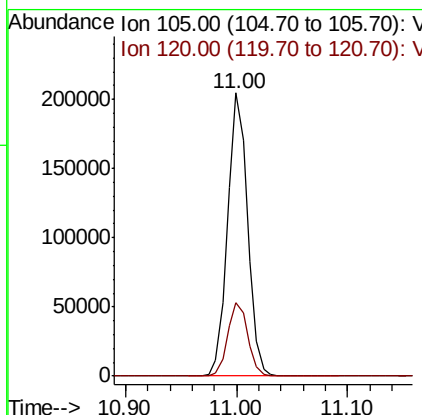
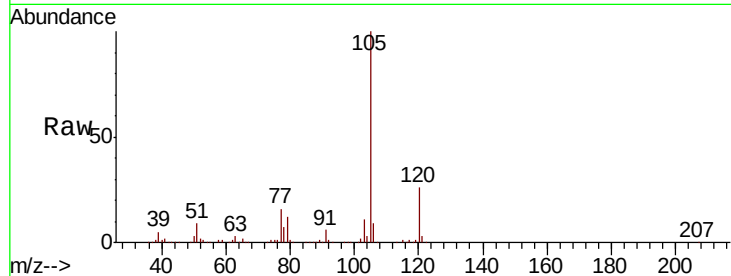
#73
Isopropylbenzene
Concen: 19.163 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.3	39.8

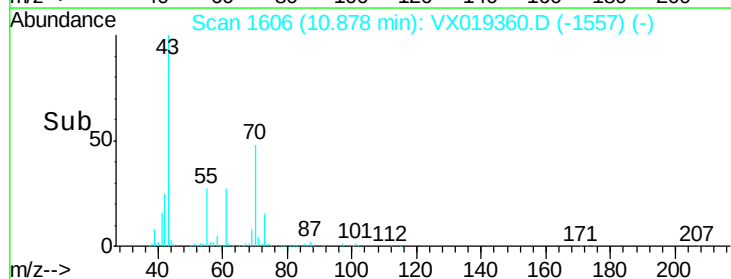
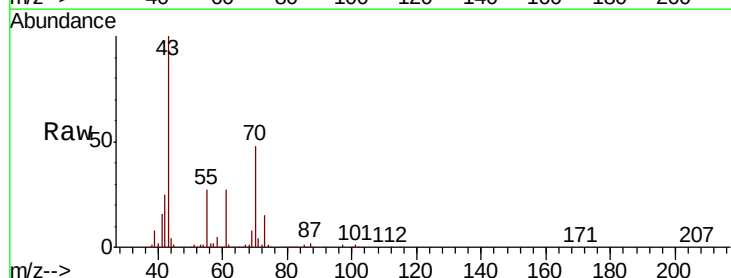
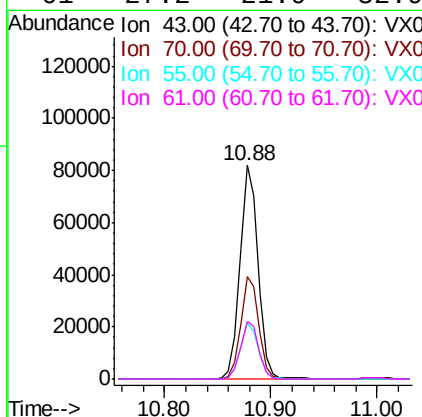
Manual Integrations
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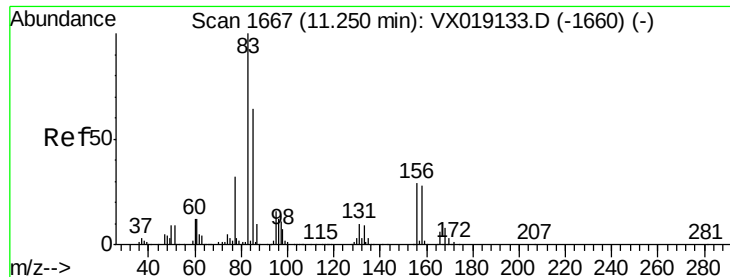
MMDadoda
11/10/2020 8:57:30 AM



#74
N-ethyl acetate
Concen: 20.208 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.9	39.6	59.4
55	26.5	20.7	31.1
61	27.2	21.9	32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.375 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

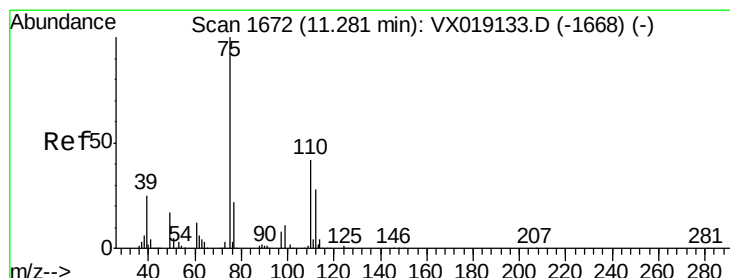
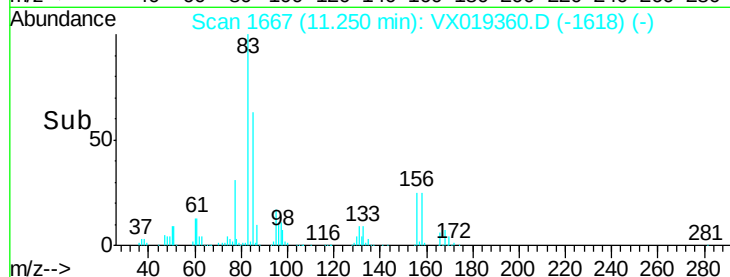
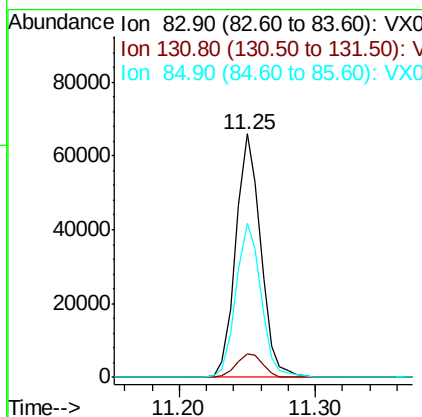
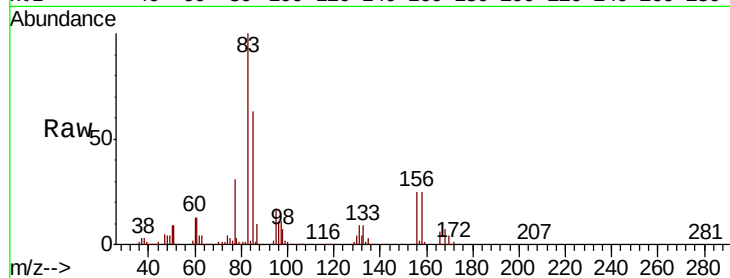
ClientSampleId :

VX1109WBSD01

Tot Ion:	83	Resp:	84274
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.2	15.6
85	63.9	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.528 ug/l m

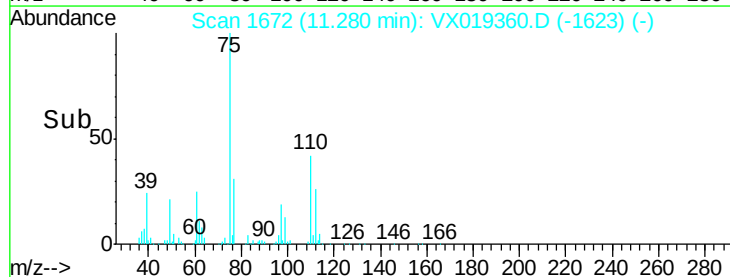
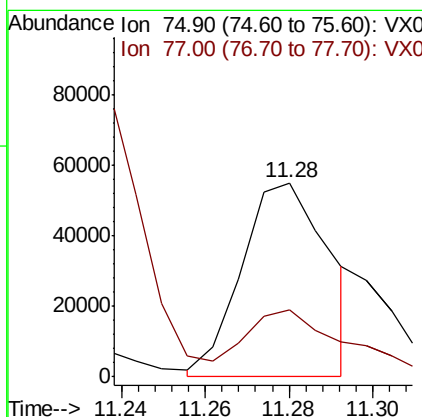
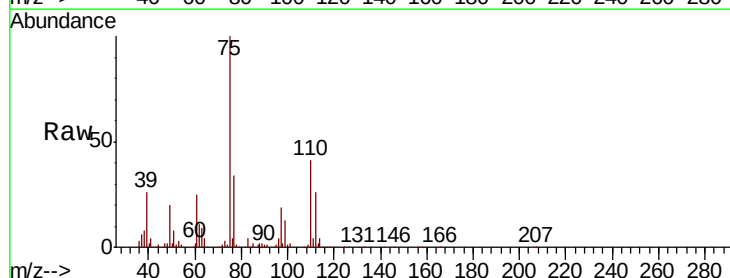
RT: 11.28 min Scan# 1672

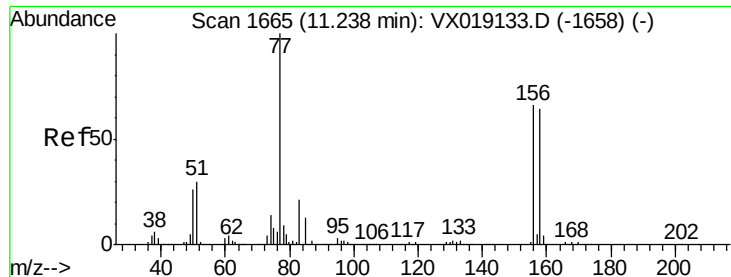
Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Tgt Ion:	75	Resp:	79249
Ion Ratio	Lower	Upper	
75	100		
77	40.1	20.3	60.9





#77

Bromobenzene

Concen: 18.626 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

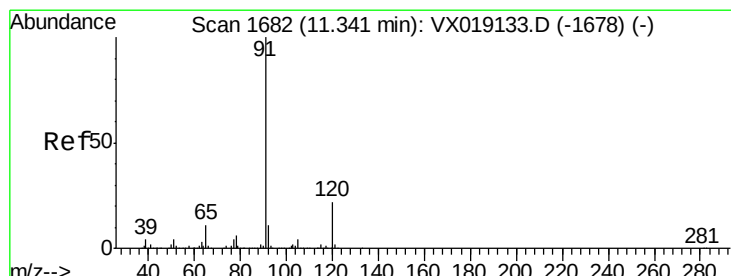
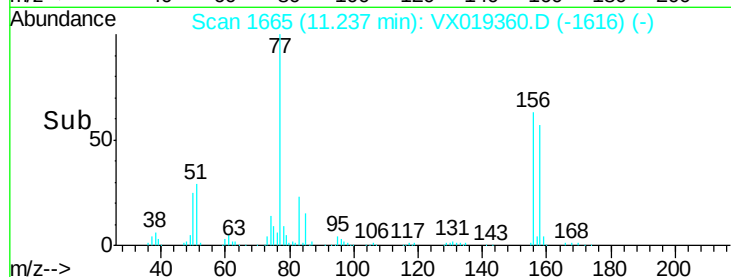
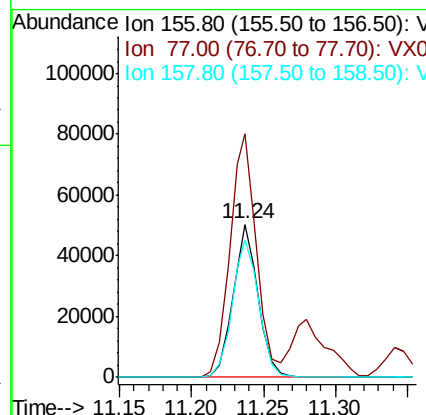
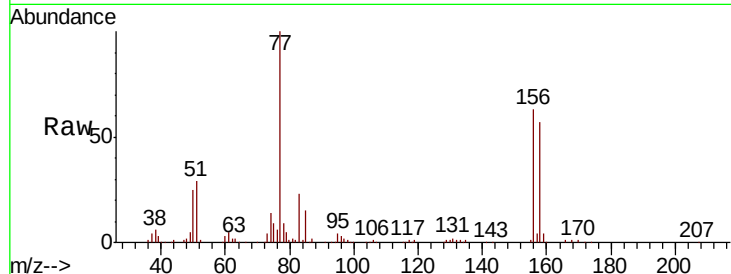
ClientSampleId :

VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	169.3	77.7	233.1
158	95.2	48.3	144.8

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#78

n-propylbenzene

Concen: 19.548 ug/l

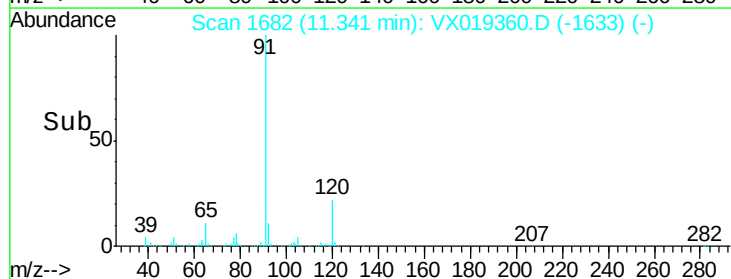
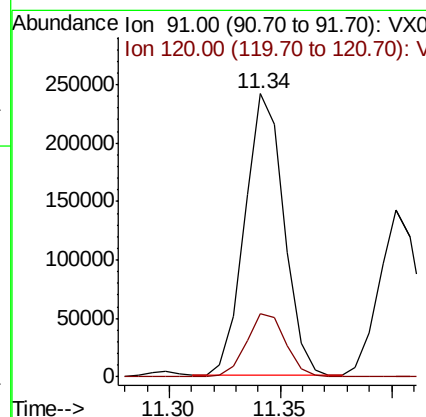
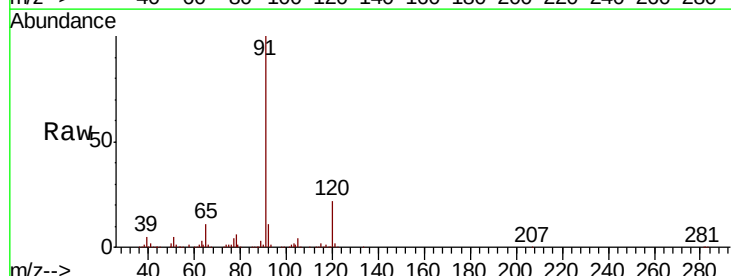
RT: 11.34 min Scan# 1682

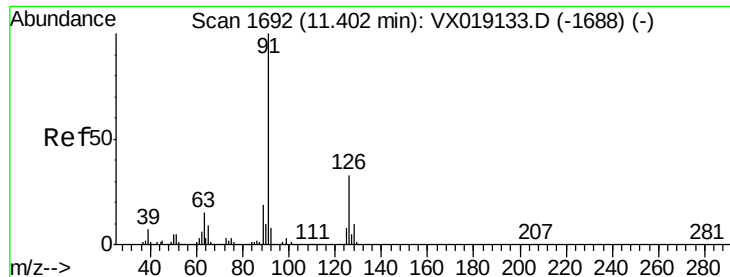
Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.7	35.0





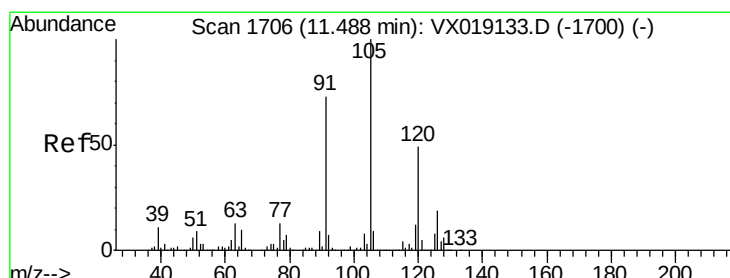
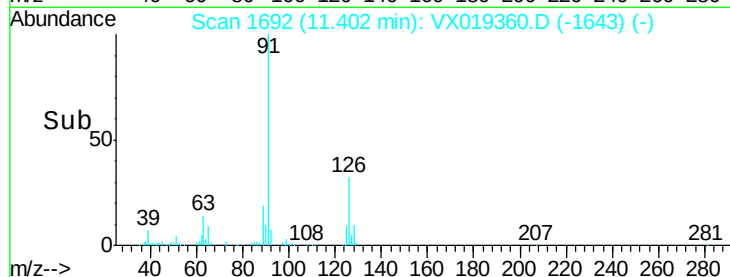
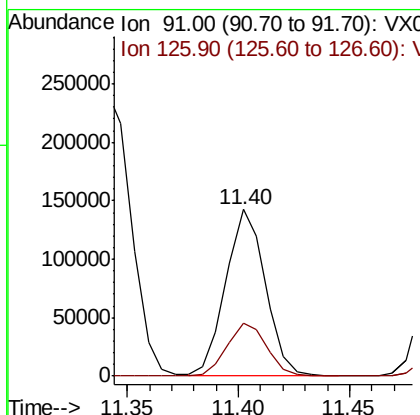
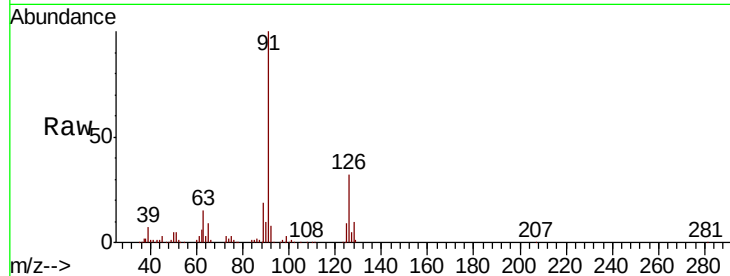
#79
 2-Chlorotoluene
 Concen: 19.759 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion: 91 Resp: 175747
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.9 50.7

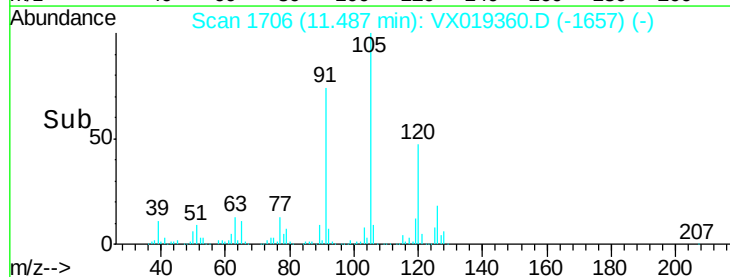
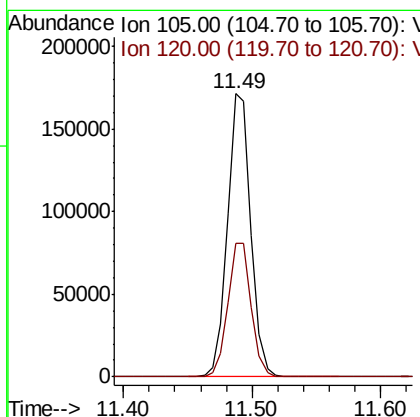
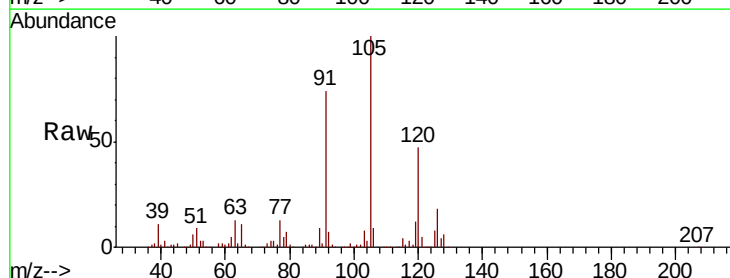
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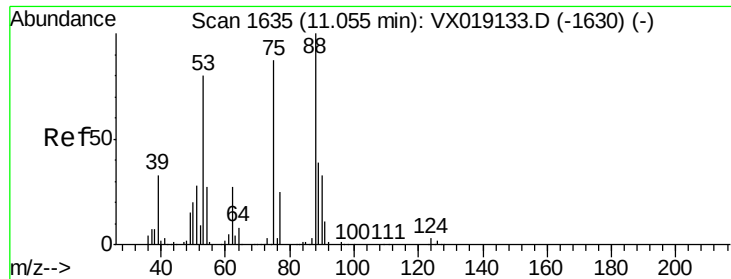
MMDadoda
 11/10/2020 8:57:30 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.385 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Tgt Ion: 105 Resp: 216732
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.8





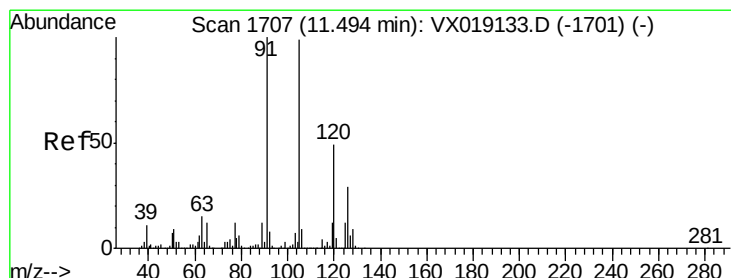
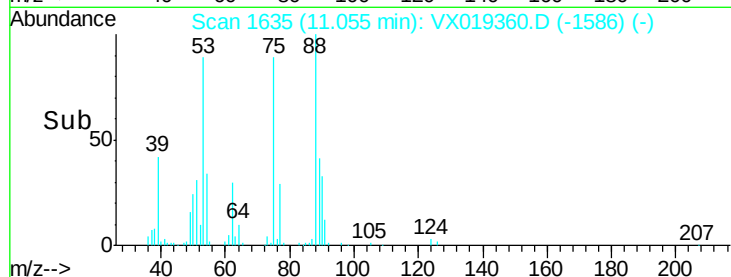
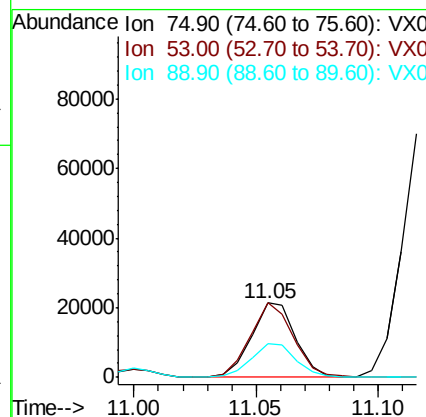
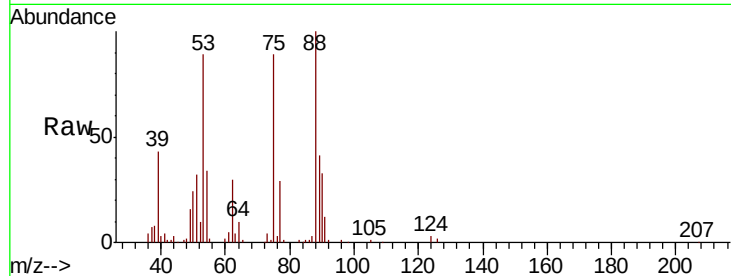
#81
trans-1,4-Dichloro-2-butene
Concen: 18.124 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.3	73.3	109.9
89	46.2	38.2	57.2

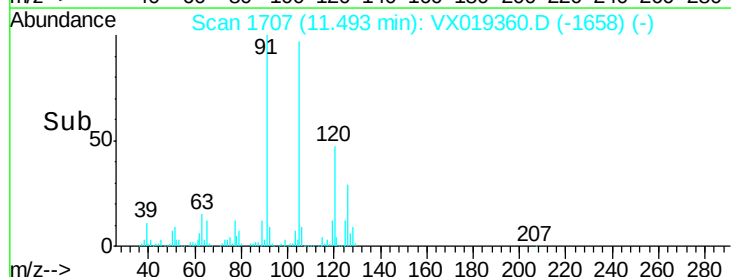
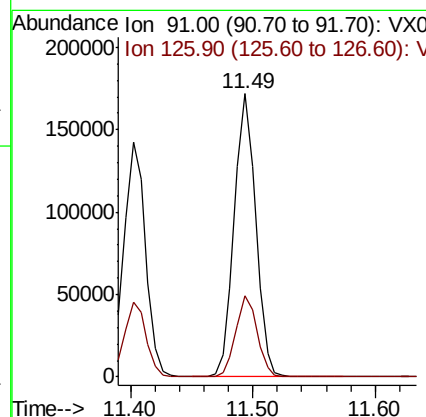
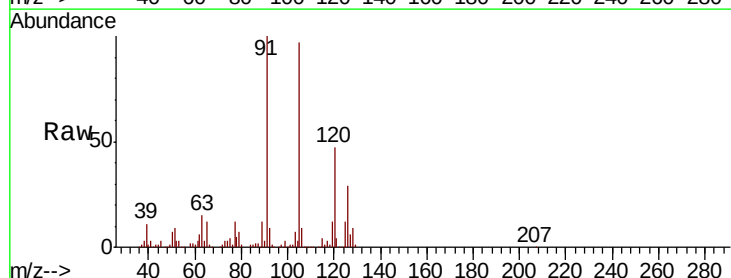
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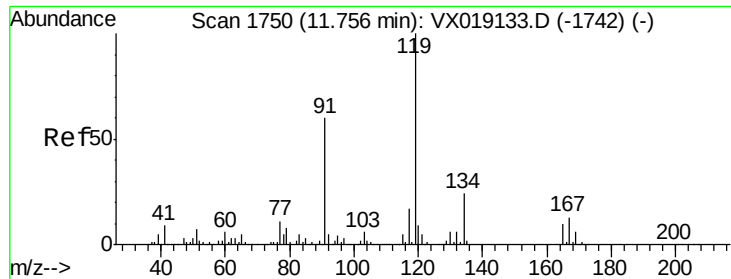
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.176 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.8	44.4





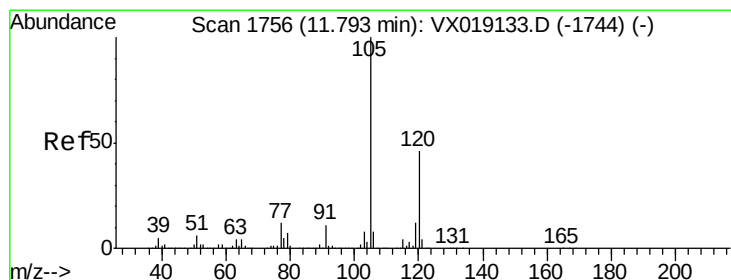
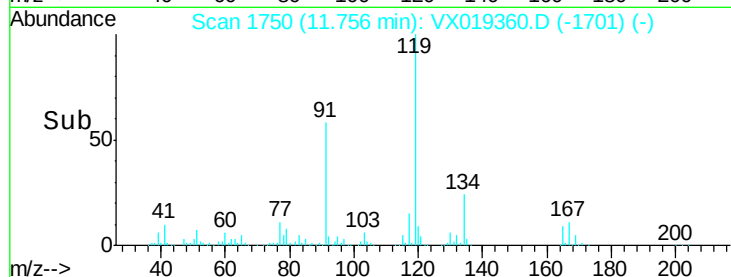
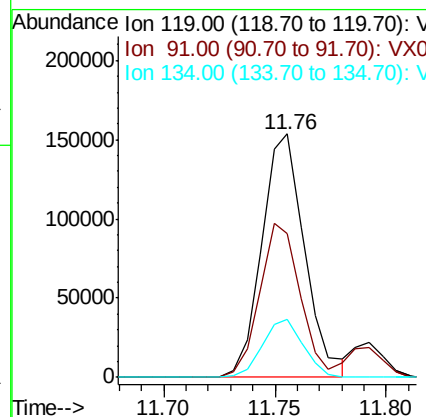
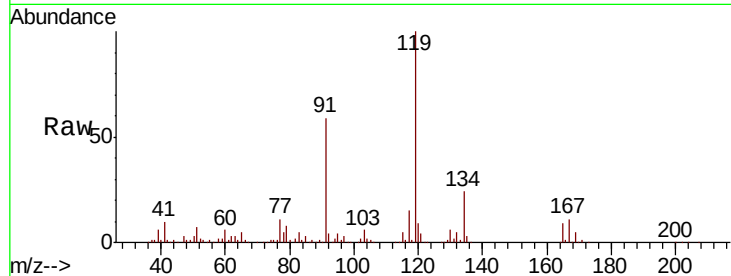
#83
 tert-Butylbenzene
 Concen: 19.178 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.9	29.0	87.1
134	22.9	11.7	35.0

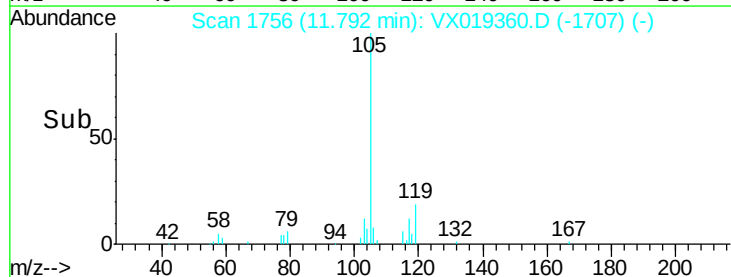
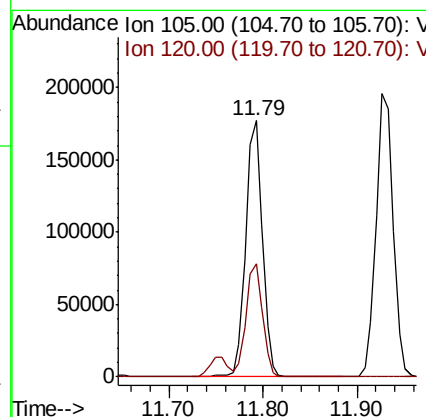
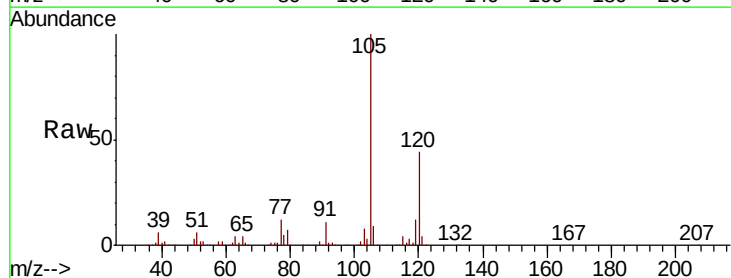
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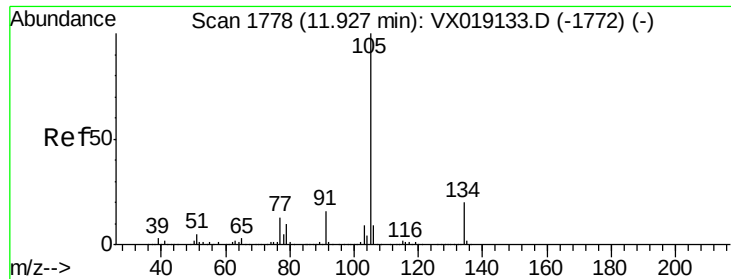
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.448 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.4	67.3





#85

sec-Butylbenzene

Concen: 19.239 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion:105 Resp: 247021

Ion Ratio Lower Upper

105 100

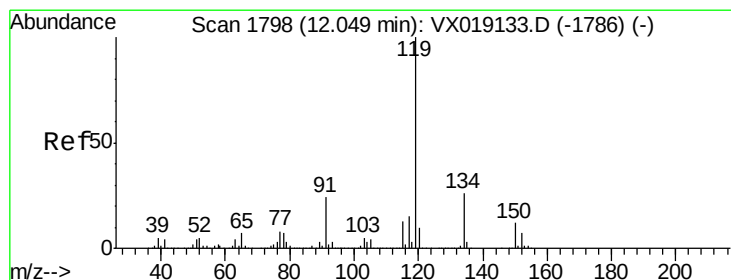
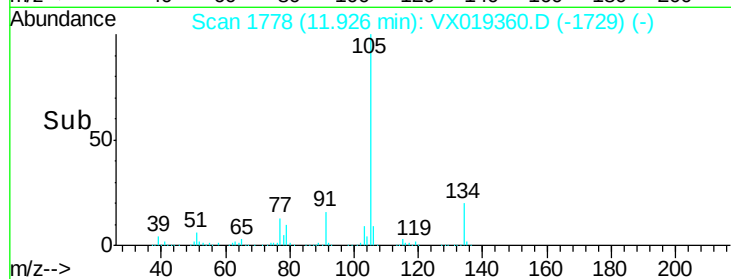
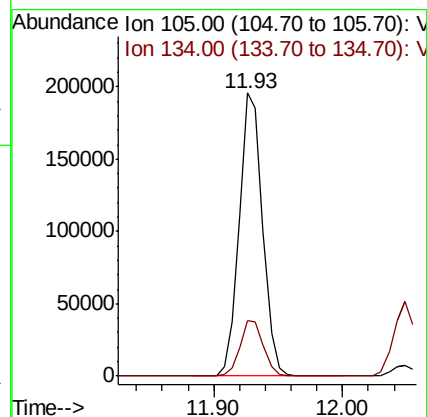
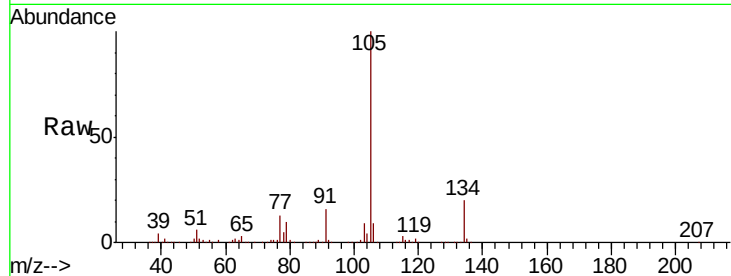
134 19.7 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 19.360 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

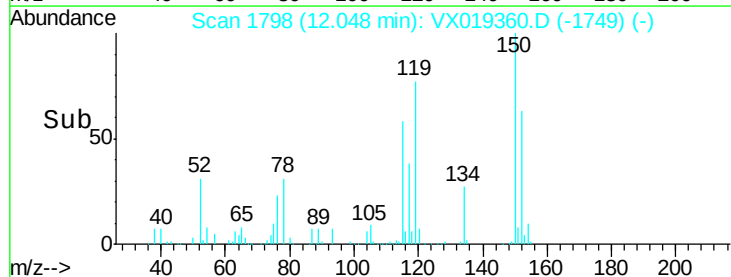
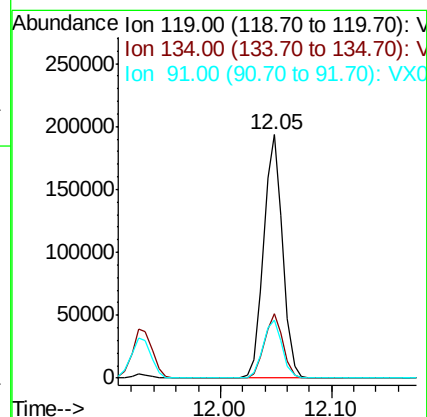
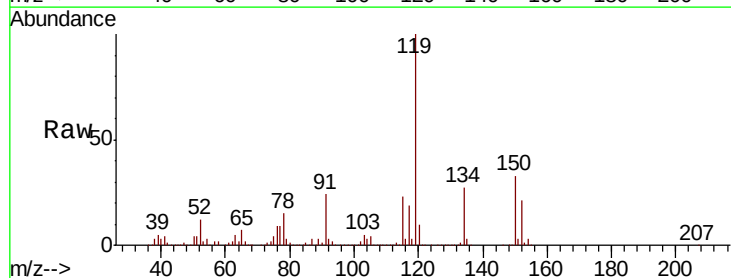
Tgt Ion:119 Resp: 229432

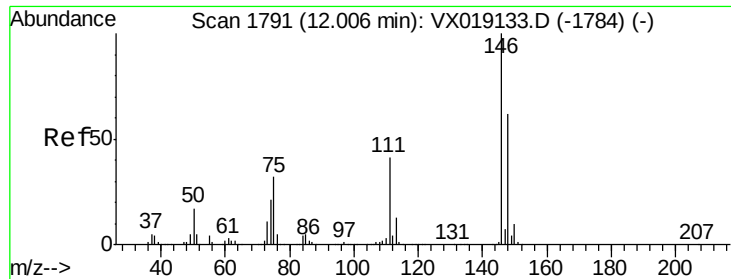
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.7

91 24.3 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 18.794 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion:146 Resp: 114958

Ion Ratio Lower Upper

146 100

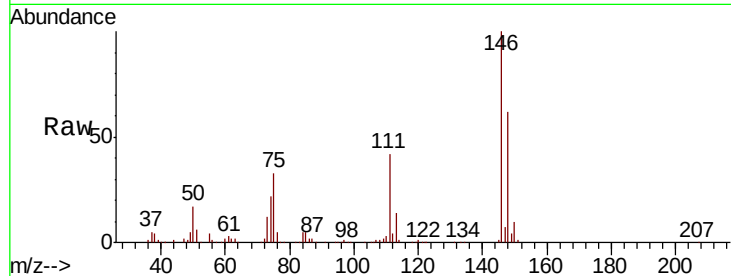
111 41.7 20.4 61.2

148 63.2 31.6 94.8

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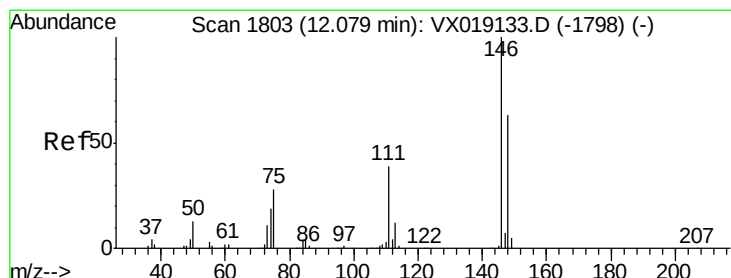
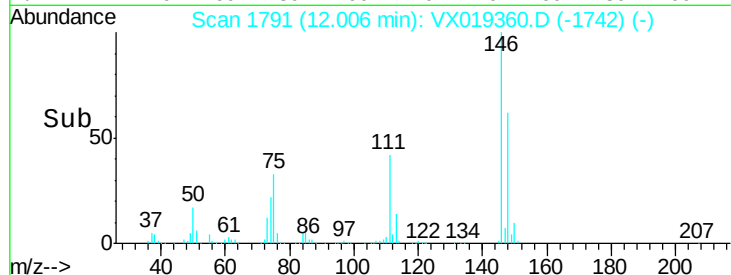
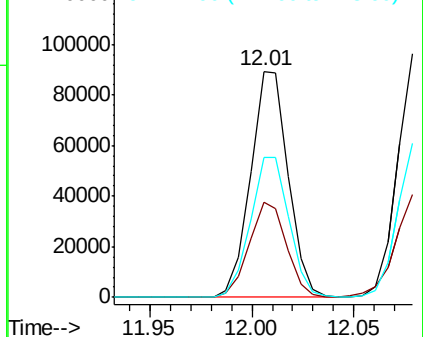
11/10/2020 8:57:30 AM



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.204 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Tgt Ion:146 Resp: 115913

Ion Ratio Lower Upper

146 100

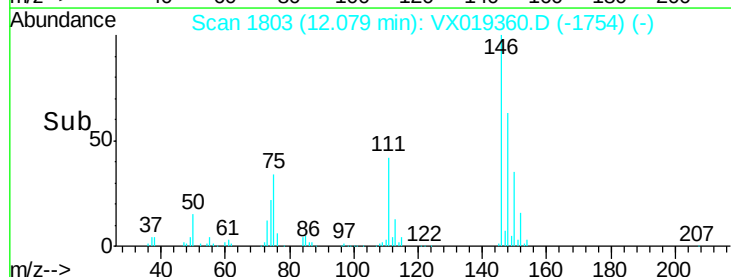
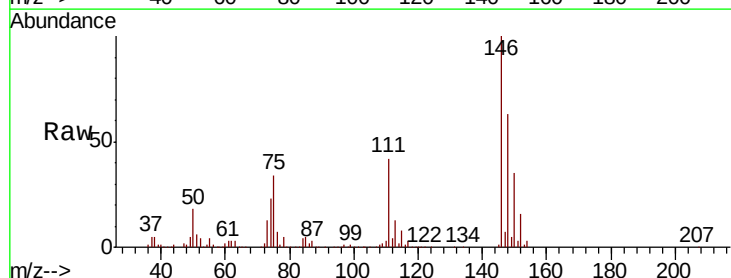
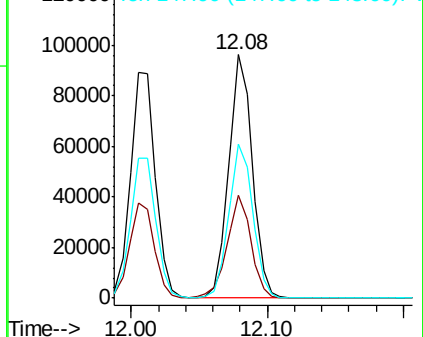
111 42.8 20.2 60.5

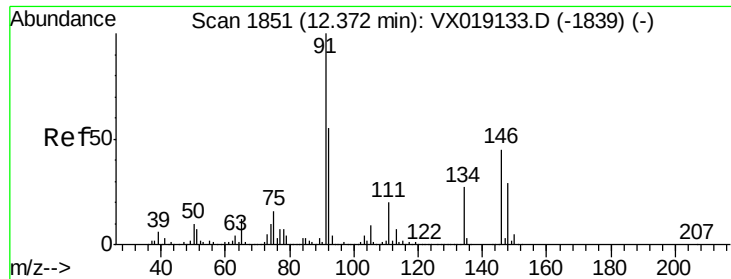
148 64.8 31.3 93.8

Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





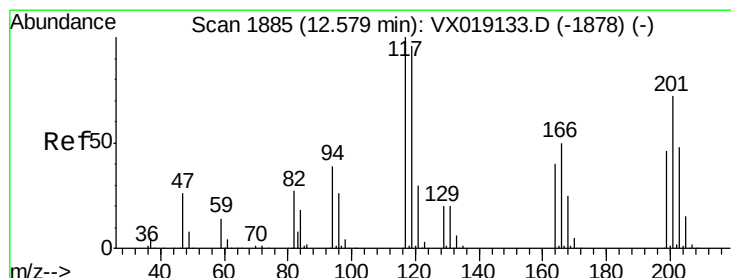
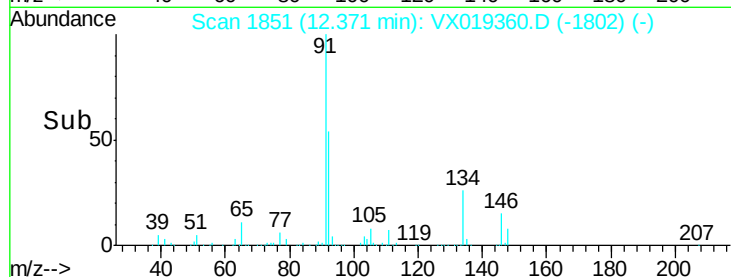
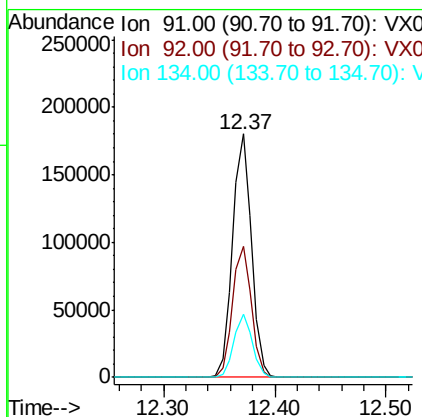
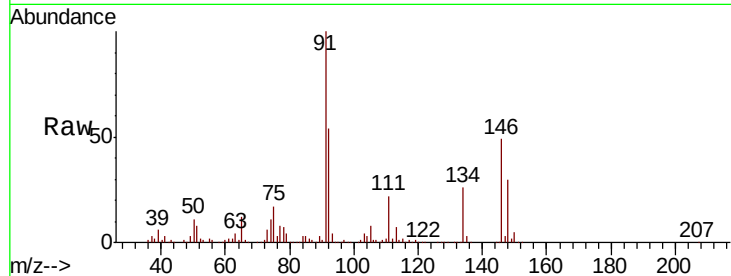
#89
n-Butylbenzene
Concen: 18.986 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.5	82.4
134	25.3	13.2	39.6

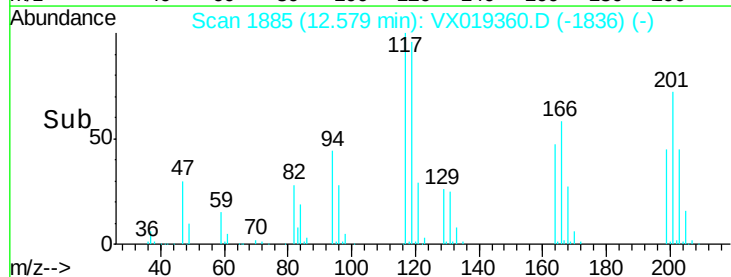
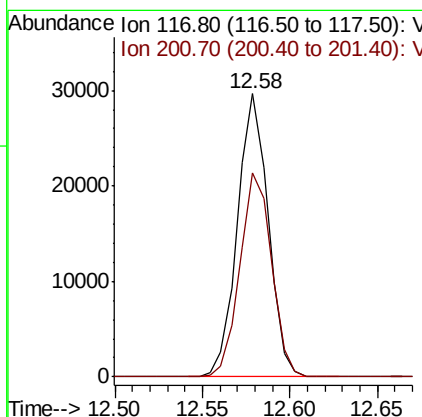
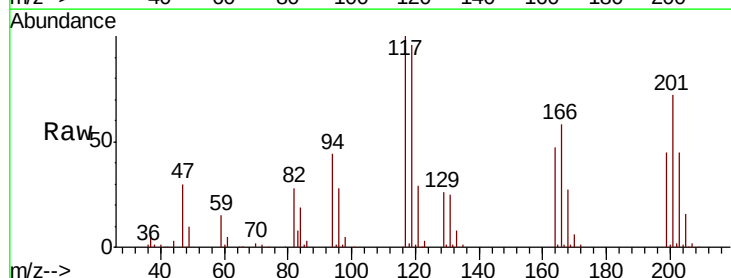
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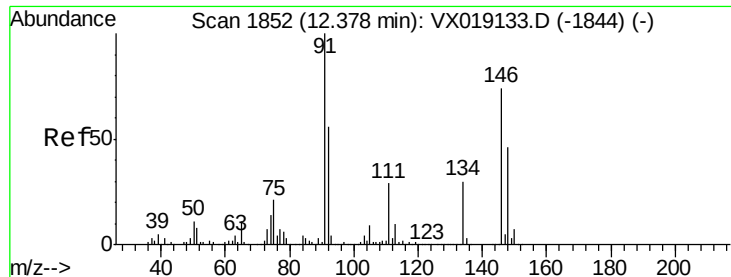
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#90
Hexachloroethane
Concen: 18.060 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019360.D
Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.3	38.5	115.3





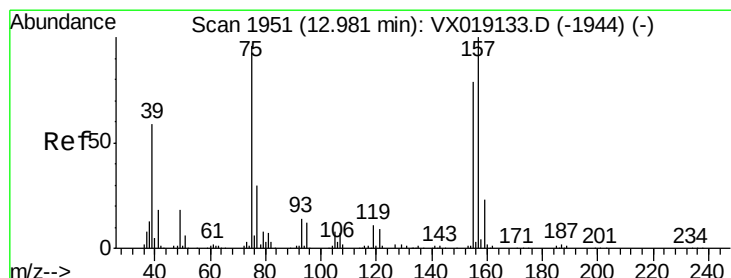
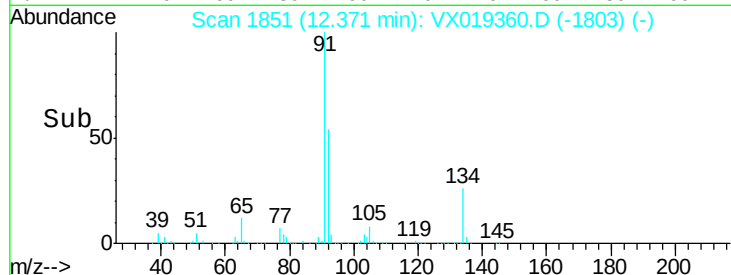
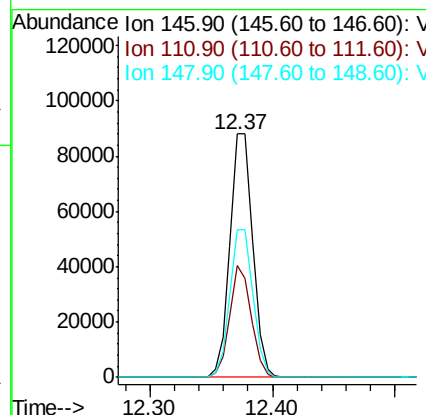
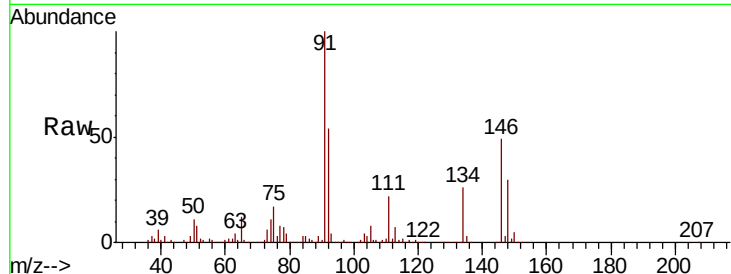
#91
 1,2-Dichlorobenzene
 Concen: 19.336 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.2	63.6
148	61.6	31.6	94.7

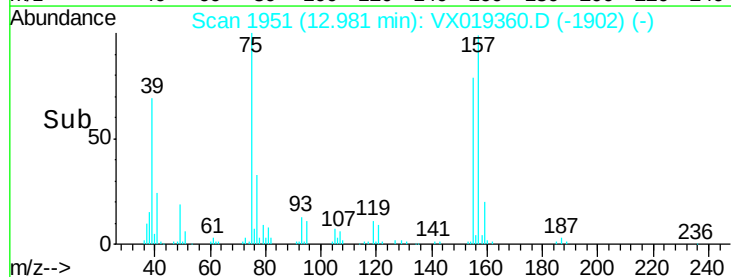
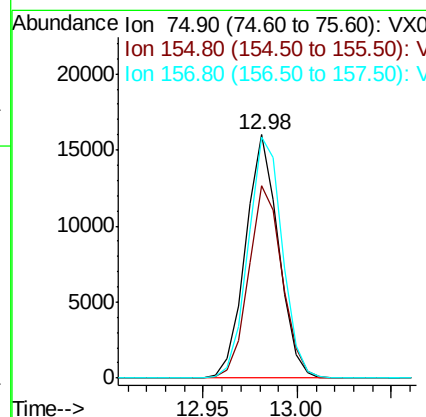
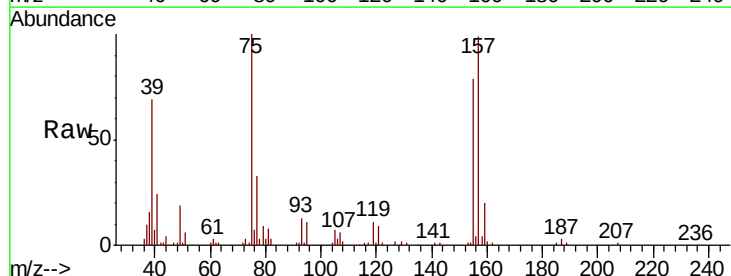
Manual Integrations
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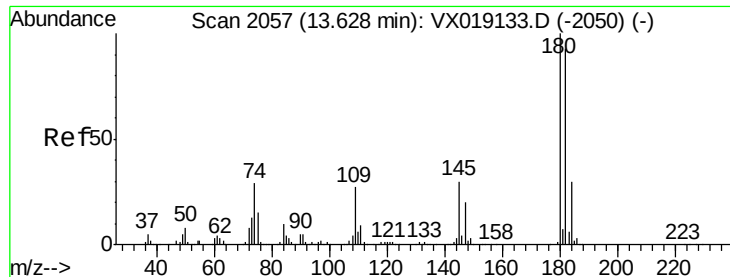
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 11/10/2020 8:57:30 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.113 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.6	42.8	128.4
157	102.6	54.8	164.4





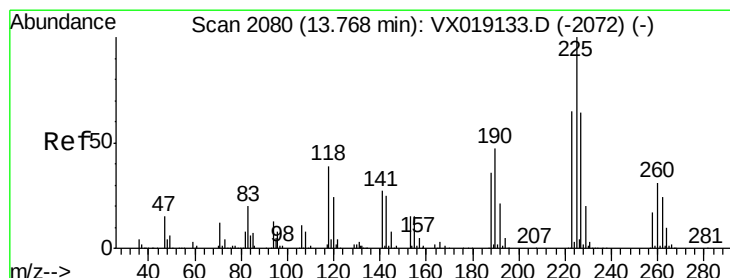
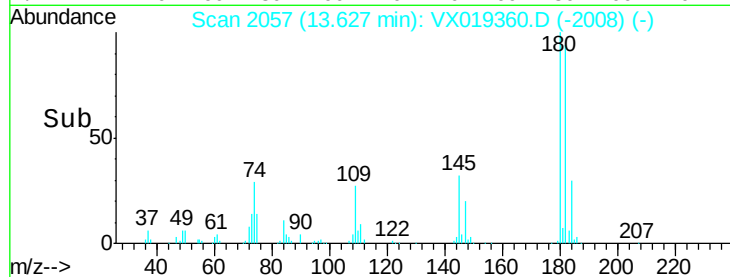
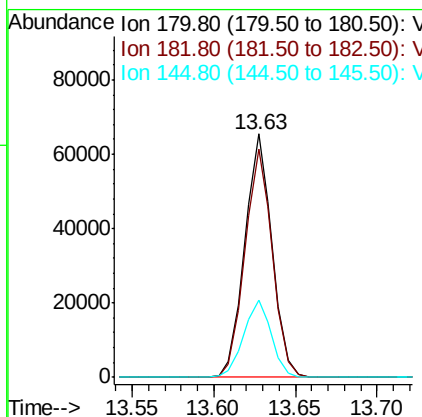
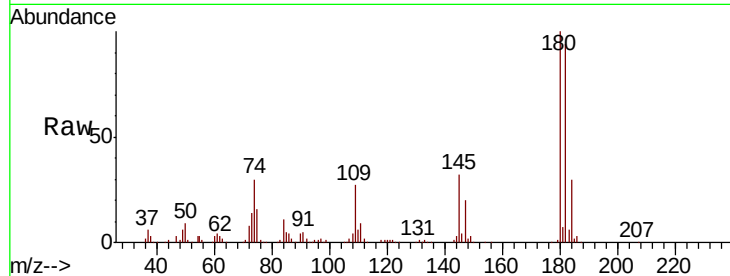
#93
 1,2,4-Trichlorobenzene
 Concen: 17.296 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.8	140.3
145	32.2	15.5	46.5

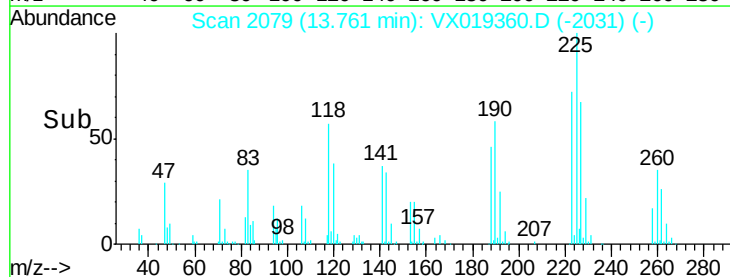
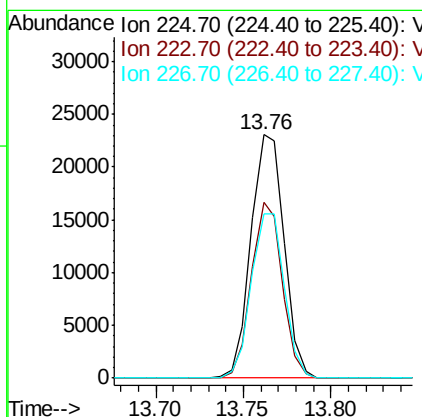
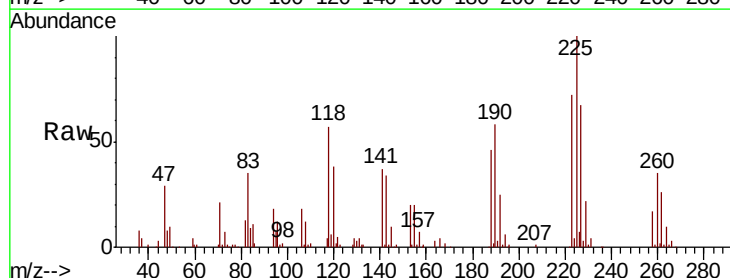
Manual Integrations
 APPROVED

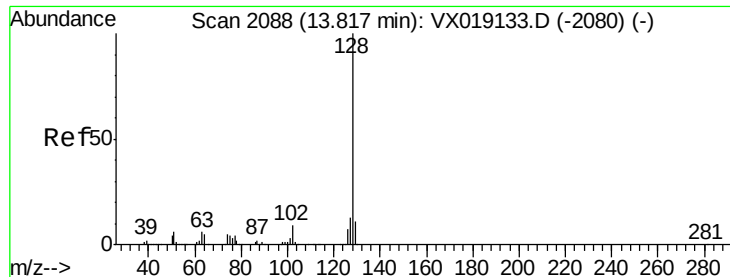
MMDadoda
 11/10/2020 8:57:30 AM



#94
 Hexachlorobutadiene
 Concen: 15.760 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019360.D
 Acq: 09 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.7	32.4	97.2
227	67.3	31.6	94.7





#95

Naphthalene

Concen: 18.199 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Instrument :

MSVOA_X

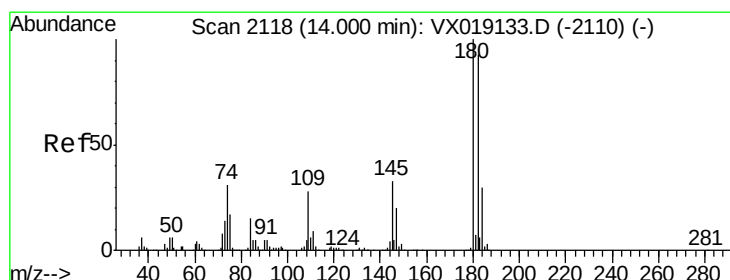
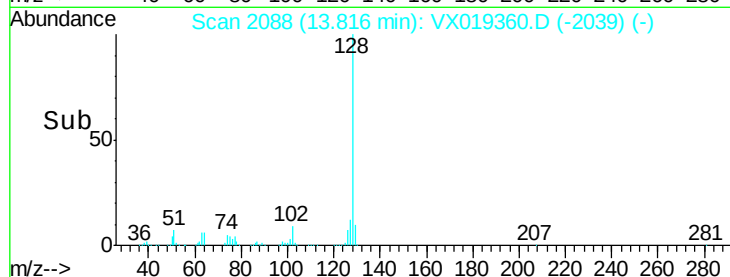
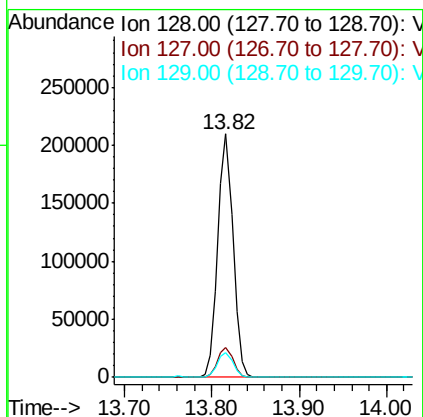
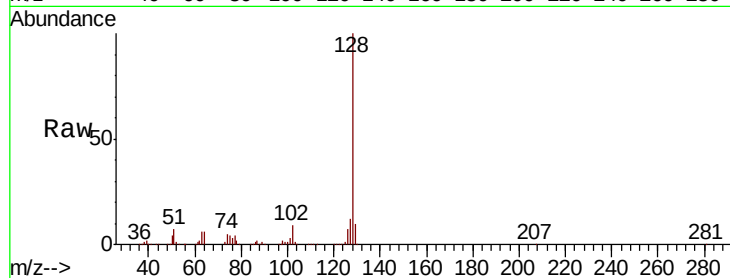
ClientSampleId :

VX1109WBSD01

Tot Ion:	128	Resp:	252872
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.3	15.5
129	10.5	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
11/10/2020 8:57:30 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.202 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019360.D

Acq: 09 Nov 2020 12:21

Tgt Ion:	180	Resp:	73626
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.8	143.3
145	34.7	16.5	49.5

