

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019536.D
 Acq On : 21 Nov 2020 09:00
 Operator : JC/MD
 Sample : VX1121MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 9:35:03 AM

Quant Time: Nov 23 00:24:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	264998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	464373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	194324	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	179772	52.32	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.64%
35) Dibromofluoromethane	5.46	113	143830	49.34	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.68%
50) Toluene-d8	8.70	98	554986	49.00	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.00%
62) 4-Bromofluorobenzene	11.12	95	200635	49.23	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.46%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	48664	18.884	ug/l	99
3) Chloromethane	1.31	50	55848	18.886	ug/l	100
4) Vinyl Chloride	1.39	62	60718	19.074	ug/l	99
5) Bromomethane	1.62	94	21093	17.494	ug/l	99
6) Chloroethane	1.70	64	23634	28.670	ug/l	97
7) Trichlorofluoromethane	1.90	101	88205	19.198	ug/l	98
8) Diethyl Ether	2.17	74	36697	19.943	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	46898	18.296	ug/l	99
10) Methyl Iodide	2.48	142	55602	16.512	ug/l	99
11) Tert butyl alcohol	3.04	59	88901m	136.718	ug/l	
12) 1,1-Dichloroethene	2.35	96	49979	18.997	ug/l	96
13) Acrolein	2.28	56	31436	71.920	ug/l	100
14) Allyl chloride	2.70	41	74046	17.966	ug/l	98
15) Acrylonitrile	3.12	53	154881	100.997	ug/l	100
16) Acetone	2.43	43	126323	95.070	ug/l	100
17) Carbon Disulfide	2.54	76	127151	17.990	ug/l	100
18) Methyl Acetate	2.75	43	67867	21.202	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	189062	20.819	ug/l	98
20) Methylene Chloride	2.83	84	62679	18.873	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	57445	19.272	ug/l	98
22) Diisopropyl ether	3.82	45	169305	19.857	ug/l	98
23) Vinyl Acetate	3.78	43	718398	100.453	ug/l	100
24) 1,1-Dichloroethane	3.67	63	101945	19.548	ug/l	99
25) 2-Butanone	4.64	43	198839	99.618	ug/l	99
26) 2,2-Dichloropropane	4.54	77	59530	13.078	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	68549	20.020	ug/l	98
28) Bromochloromethane	4.98	49	43293	17.364	ug/l	98
29) Tetrahydrofuran	5.09	42	126871	99.620	ug/l	98
30) Chloroform	5.17	83	107689	19.748	ug/l	99
31) Cyclohexane	5.54	56	83598	18.707	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	93479	19.956	ug/l	100
36) 1,1-Dichloropropene	5.76	75	77347	17.767	ug/l	99
37) Ethyl Acetate	4.80	43	78313	19.161	ug/l	99
38) Carbon Tetrachloride	5.75	117	75697	17.964	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	84035	16.578	ug/l	97
40) Benzene	6.11	78	245929	18.386	ug/l	98
41) Methacrylonitrile	5.00	41	42946	19.055	ug/l	97
42) 1,2-Dichloroethane	6.16	62	86314	18.826	ug/l	100
43) Isopropyl Acetate	6.42	43	131303	19.112	ug/l	99
44) Trichloroethene	7.18	130	63932	18.247	ug/l	97
45) 1,2-Dichloropropane	7.49	63	61427	18.654	ug/l	100
46) Dibromomethane	7.63	93	42353	18.792	ug/l	99
47) Bromodichloromethane	7.87	83	82286	18.815	ug/l	99
48) Methyl methacrylate	7.74	41	63821	19.835	ug/l	98
49) 1,4-Dioxane	7.72	88	30030	411.057	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	395532	98.728	ug/l	100
52) Toluene	8.76	92	156854	19.169	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	85867	18.180	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	93225	17.786	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	63659	19.102	ug/l	98
56) Ethyl methacrylate	9.16	69	94653	20.072	ug/l	99
57) 1,3-Dichloropropane	9.35	76	106906	19.161	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	248527	89.944	ug/l	98
59) 2-Hexanone	9.48	43	296927	97.723	ug/l	99
60) Dibromochloromethane	9.56	129	62398	19.116	ug/l	98
61) 1,2-Dibromoethane	9.65	107	66806	19.448	ug/l	99
64) Tetrachloroethene	9.32	164	56218	17.145	ug/l	94
65) Chlorobenzene	10.12	112	160756	18.744	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	60655	19.443	ug/l	97
67) Ethyl Benzene	10.23	91	289487	19.268	ug/l	99
68) m/p-Xylenes	10.34	106	216857	38.741	ug/l	98
69) o-Xylene	10.68	106	105903	19.792	ug/l	99
70) Styrene	10.70	104	173064	18.543	ug/l	99
71) Bromoform	10.84	173	43220	18.779	ug/l #	97
73) Isopropylbenzene	11.00	105	277659	20.655	ug/l	99
74) N-amyl acetate	10.88	43	109732	21.784	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	96443	20.062	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	84838m	20.005	ug/l	
77) Bromobenzene	11.24	156	69514	20.256	ug/l	97
78) n-propylbenzene	11.34	91	304407	19.739	ug/l	100
79) 2-Chlorotoluene	11.40	91	190474	20.366	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	229033	20.310	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	24400	18.458	ug/l	96
82) 4-Chlorotoluene	11.49	91	219026	19.893	ug/l	99
83) tert-Butylbenzene	11.76	119	228033	20.901	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	233519	20.466	ug/l	100
85) sec-Butylbenzene	11.93	105	253893	19.562	ug/l	100
86) p-Isopropyltoluene	12.05	119	227879	19.338	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	121761	19.320	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	122820	18.919	ug/l	99
89) n-Butylbenzene	12.37	91	190082	17.842	ug/l	99
90) Hexachloroethane	12.58	117	37497	19.016	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	121936	19.263	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19610	19.995	ug/l	100

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Instrument :
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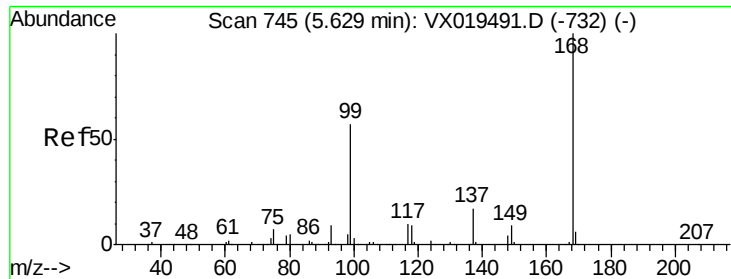
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	75839	18.662	ug/l	98
94) Hexachlorobutadiene	13.76	225	31124	16.812	ug/l	96
95) Naphthalene	13.82	128	263692	19.774	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	77599	19.090	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion:168 Resp: 264998

Ion Ratio Lower Upper

168 100

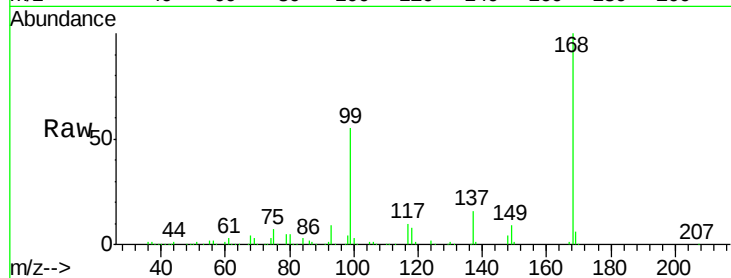
99 55.2 45.8 68.6

Manual Integrations

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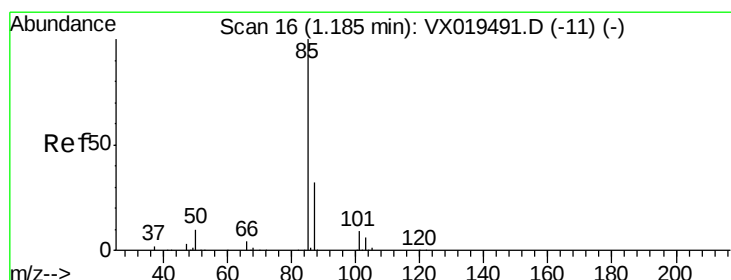
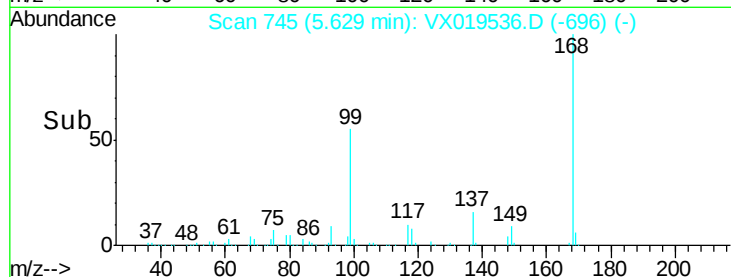
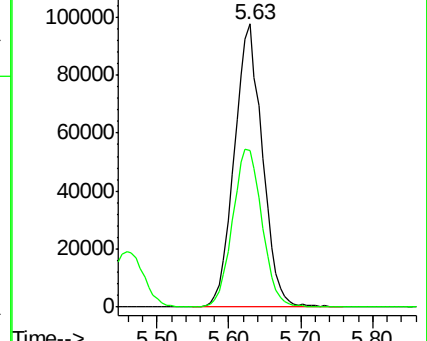
MMDadoda

11/23/2020 9:35:03 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.884 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019536.D

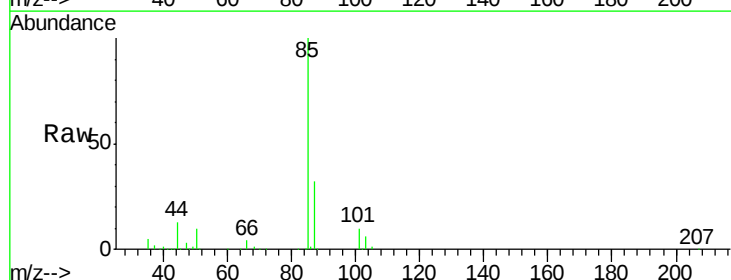
Acq: 21 Nov 2020 09:00

Tgt Ion: 85 Resp: 48664

Ion Ratio Lower Upper

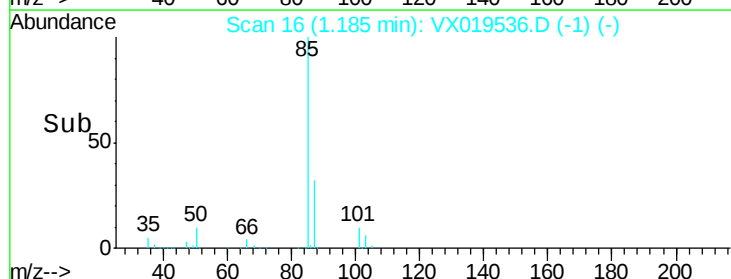
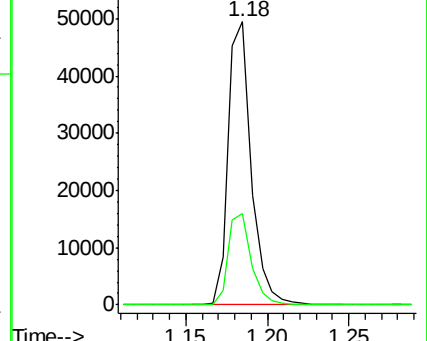
85 100

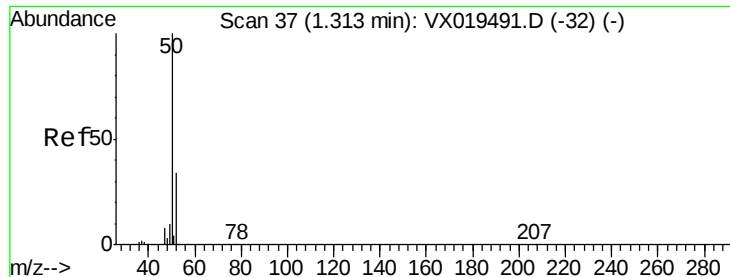
87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.886 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 50 Resp: 55848

Ion Ratio Lower Upper

50 100

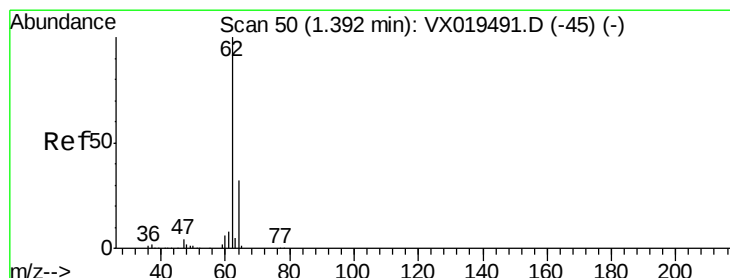
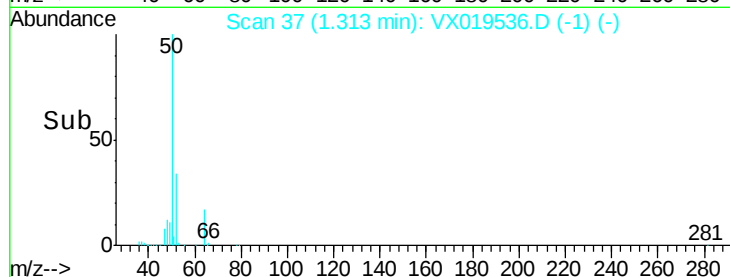
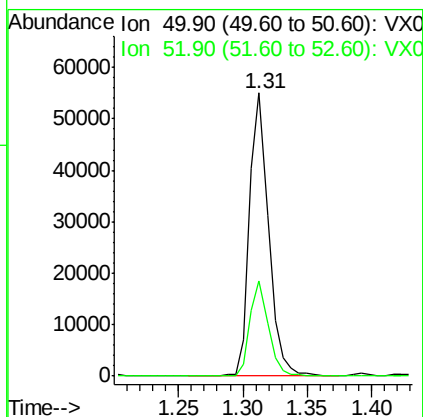
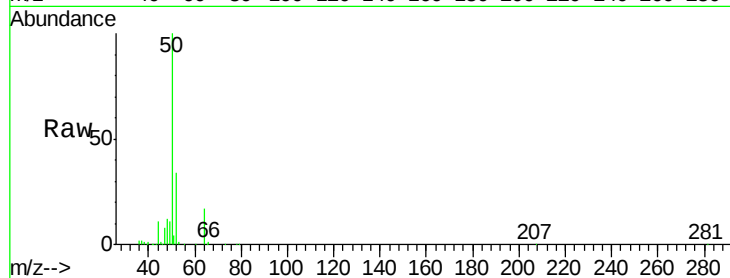
52 33.5 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.074 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019536.D

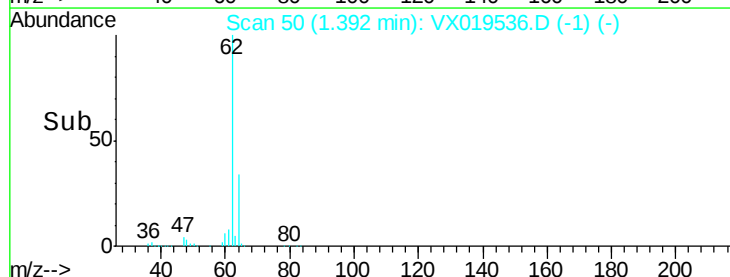
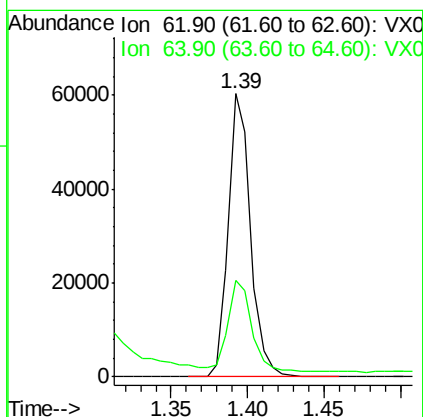
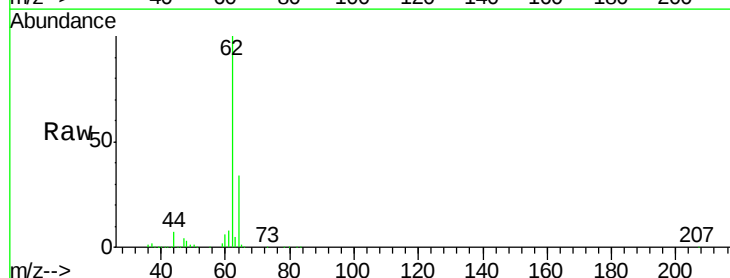
Acq: 21 Nov 2020 09:00

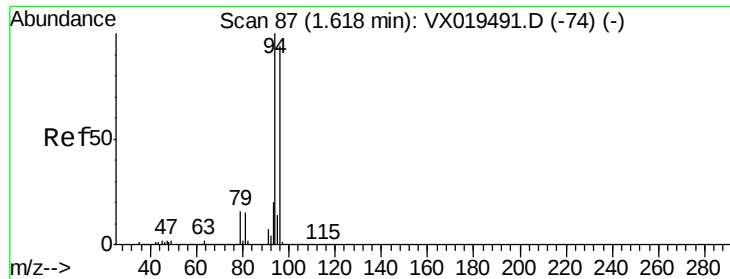
Tgt Ion: 62 Resp: 60718

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 17.494 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 94 Resp: 21093

Ion Ratio Lower Upper

94 100

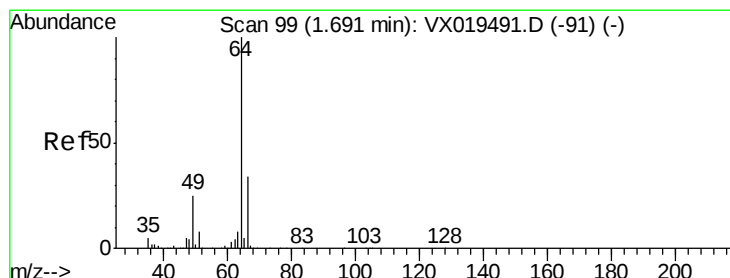
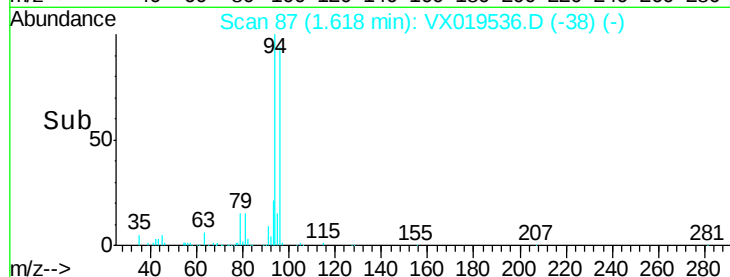
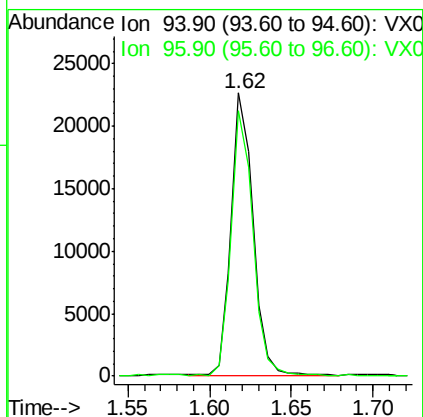
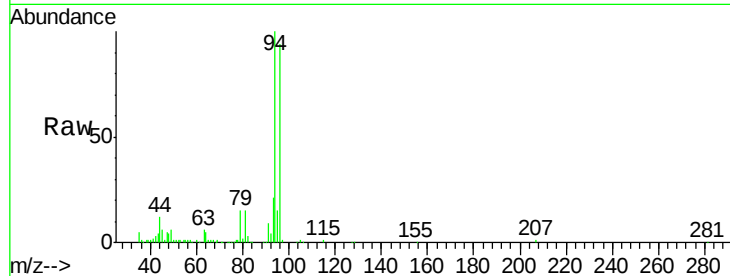
96 93.9 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 28.670 ug/l

RT: 1.70 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX019536.D

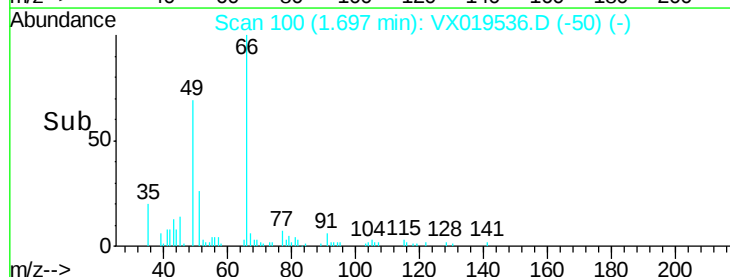
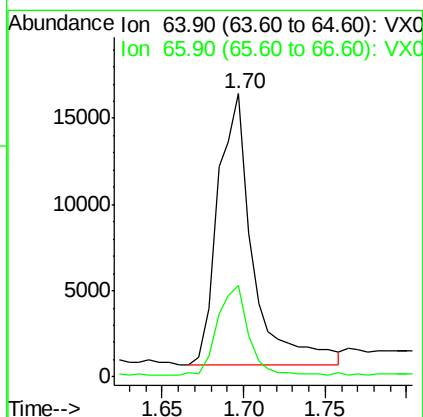
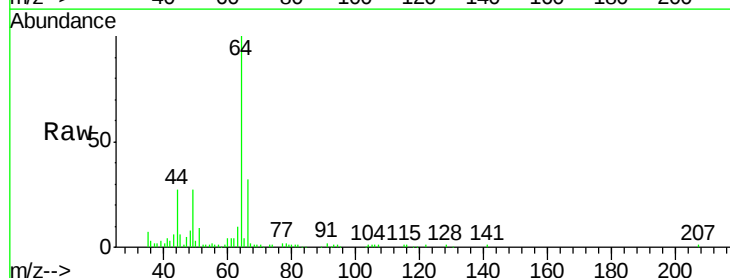
Acq: 21 Nov 2020 09:00

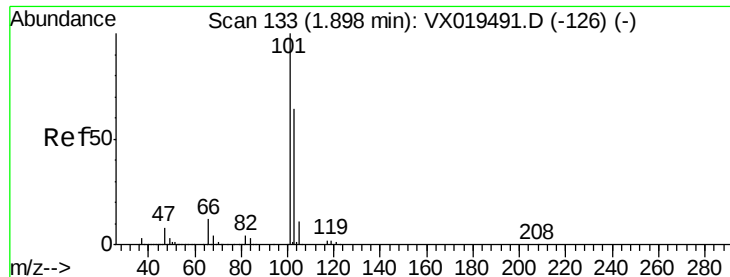
Tgt Ion: 64 Resp: 23634

Ion Ratio Lower Upper

64 100

66 32.4 27.1 40.7





#7

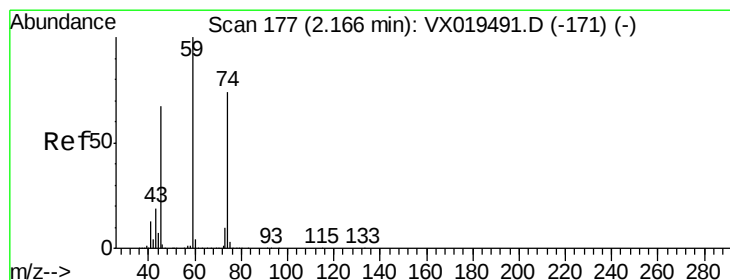
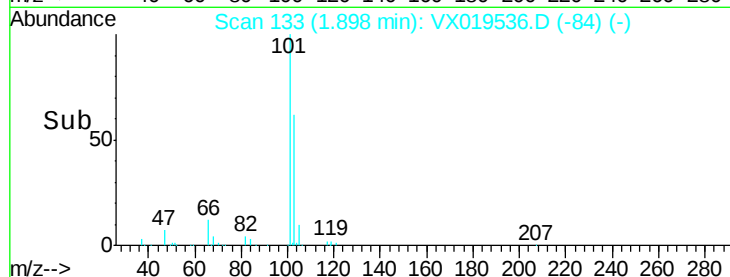
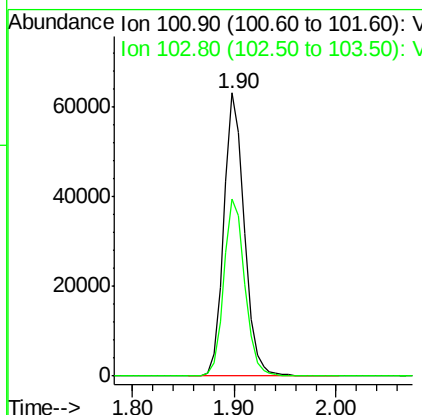
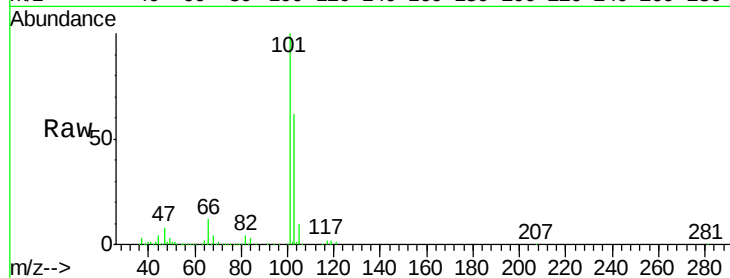
Trichlorofluoromethane
Concen: 19.198 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	50.9	76.3

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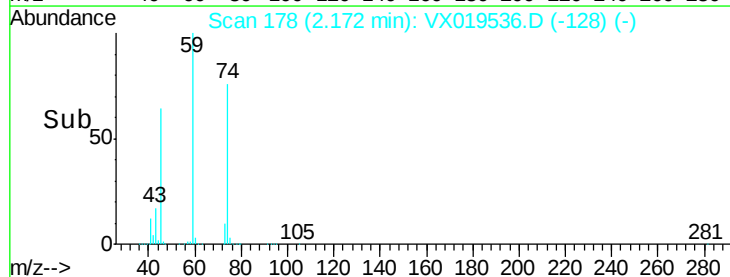
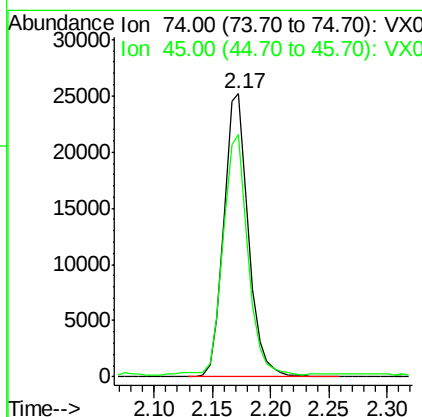
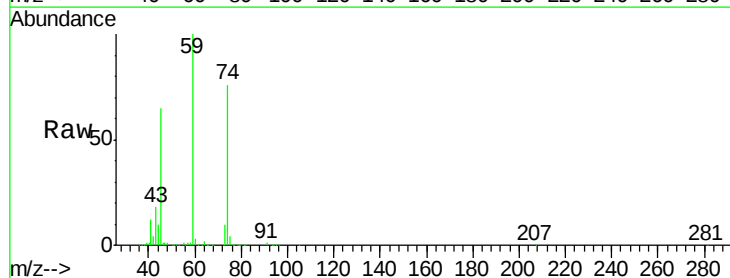
MMDadoda
11/23/2020 9:35:03 AM

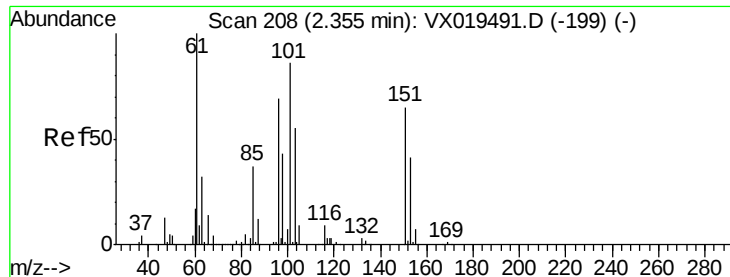


#8

Diethyl Ether
Concen: 19.943 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.9	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.296 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

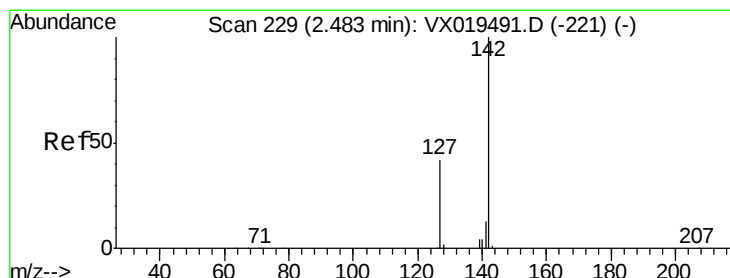
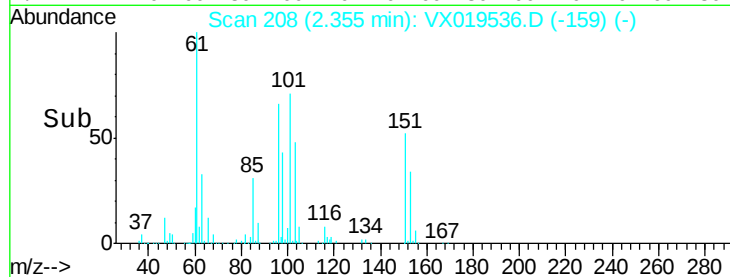
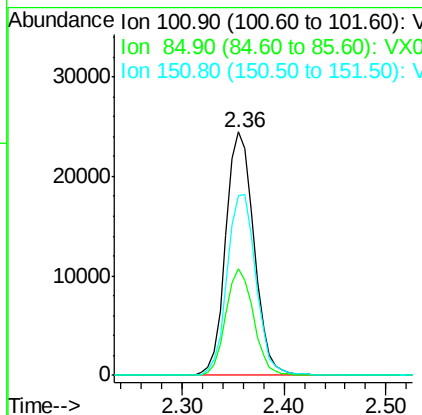
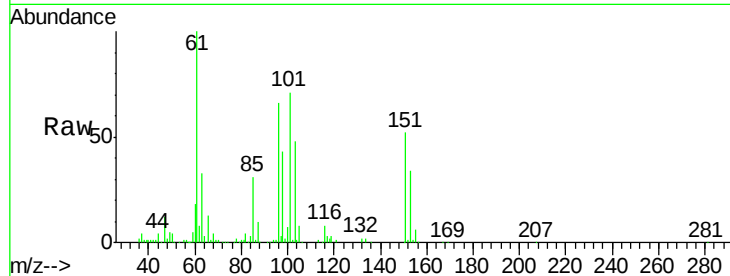
ClientSampleId :

VX1121MBS01

Tot Ion:	101	Resp:	46898
Ion Ratio	Lower	Upper	
101	100		
85	43.2	33.9	50.9
151	75.9	60.9	91.3

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#10

Methyl Iodide

Concen: 16.512 ug/l

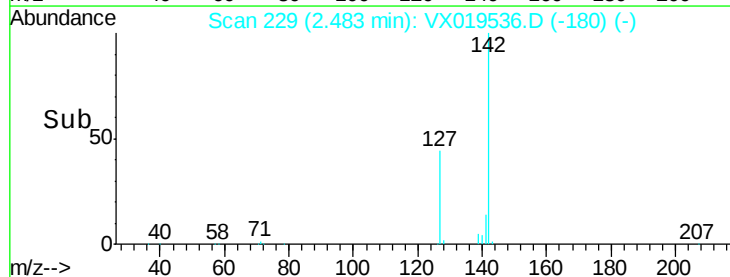
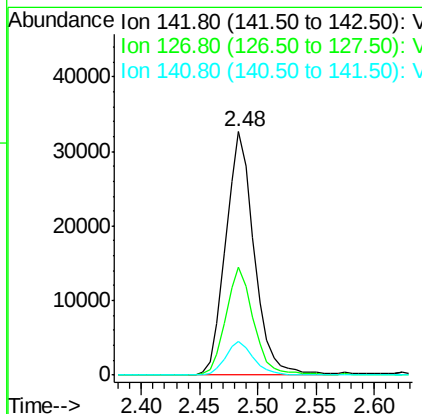
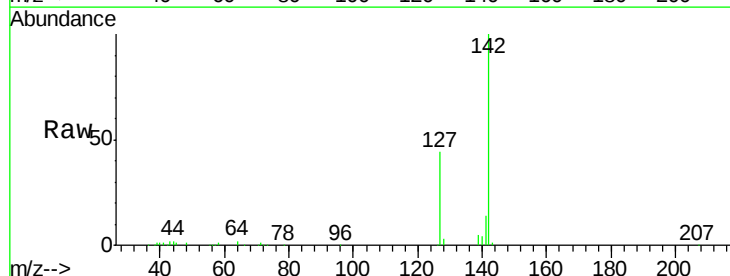
RT: 2.48 min Scan# 229

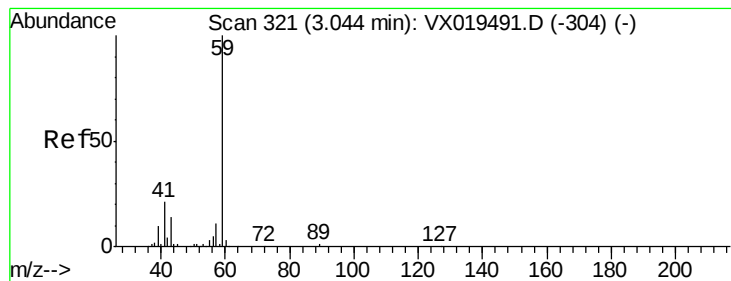
Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Tgt Ion:	142	Resp:	55602
Ion Ratio	Lower	Upper	
142	100		
127	43.1	33.8	50.6
141	13.8	11.0	16.6





#11

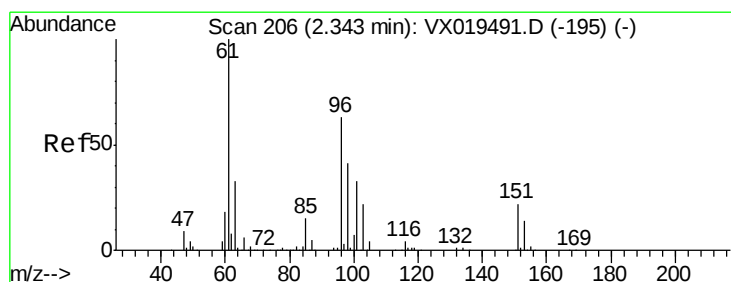
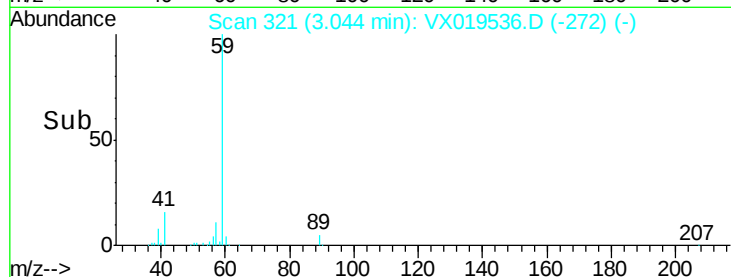
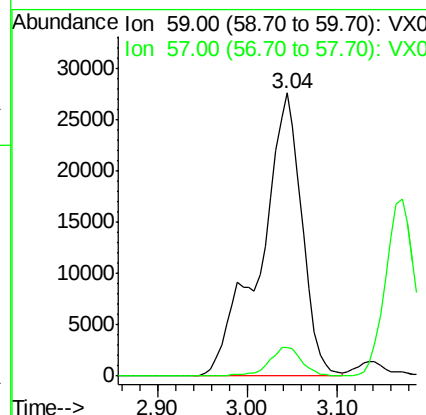
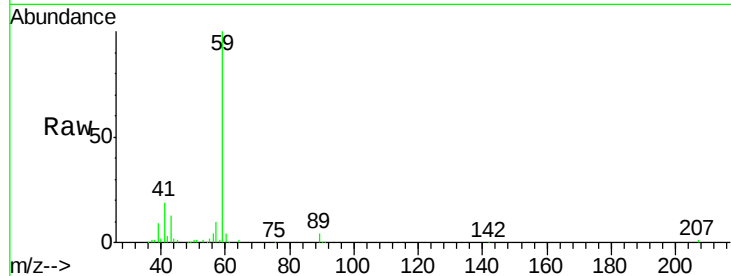
Tert butyl alcohol
 Concen: 136.718 ug/l m
 RT: 3.04 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX019536.D
 Acq: 21 Nov 2020 09:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBS01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	8.2	7.9	11.9

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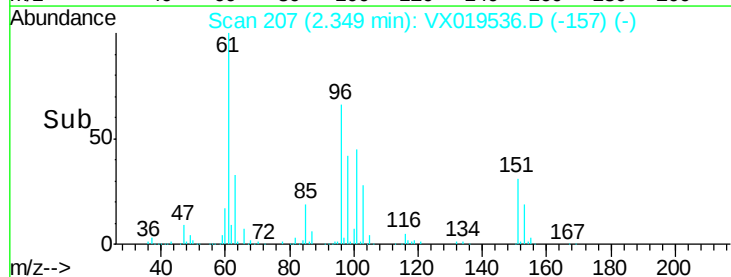
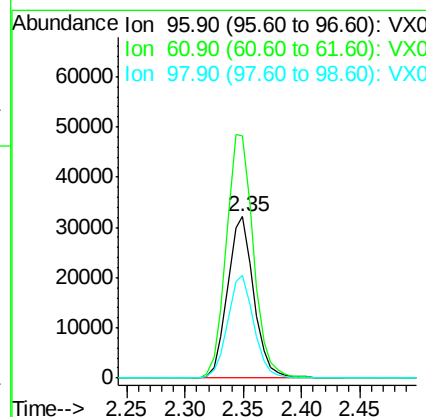
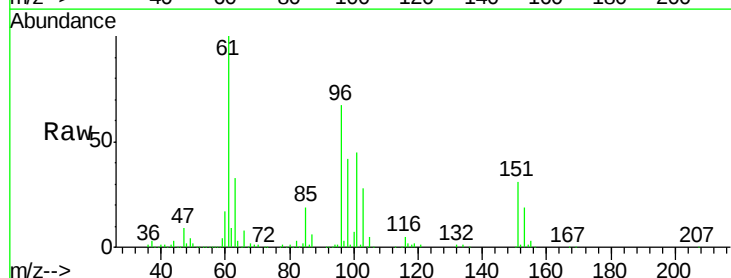
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 11/23/2020 9:35:03 AM

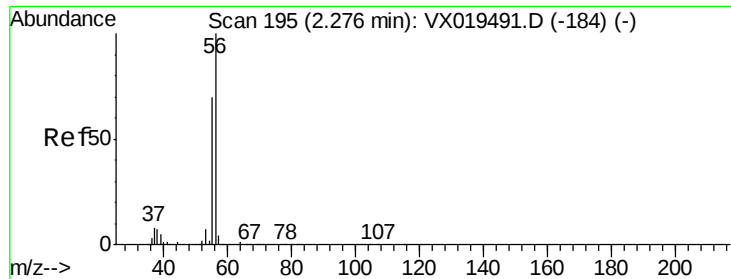


#12

1,1-Dichloroethene
 Concen: 18.997 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. 0.01 min
 Lab File: VX019536.D
 Acq: 21 Nov 2020 09:00

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	150.5	126.0	189.0
98	98	63.6	52.0	78.0





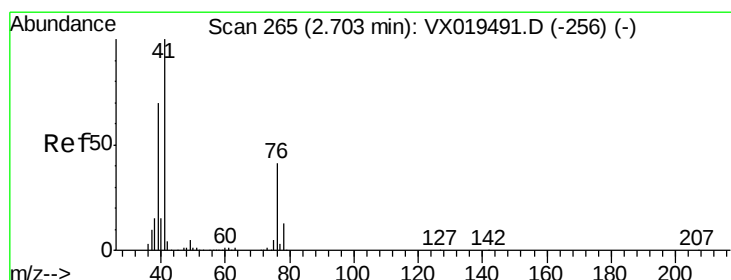
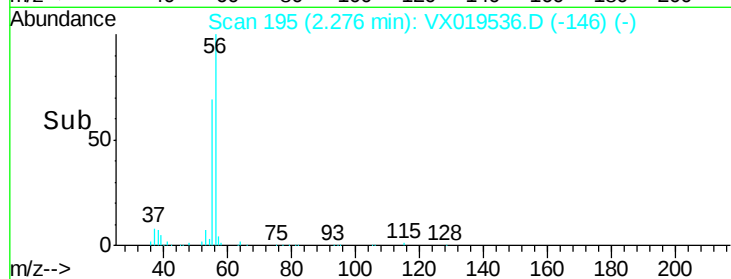
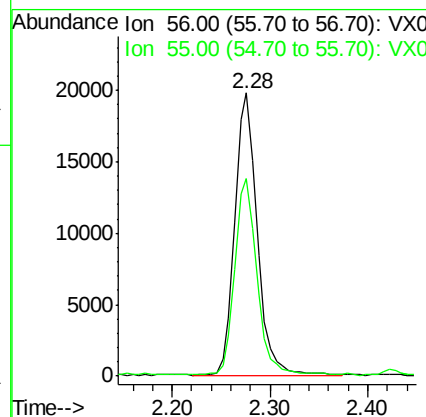
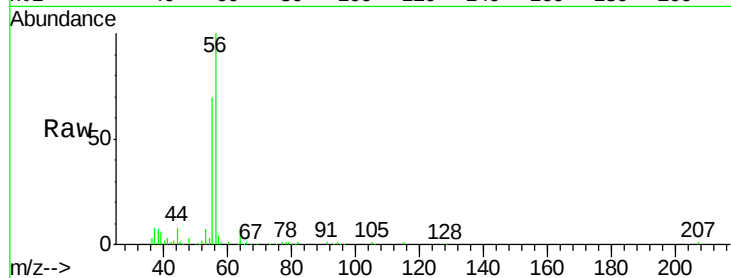
#13
Acrolein
Concen: 71.920 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	56	Resp	31436
Ion Ratio	100	Lower	Upper
55	69.0	55.5	83.3

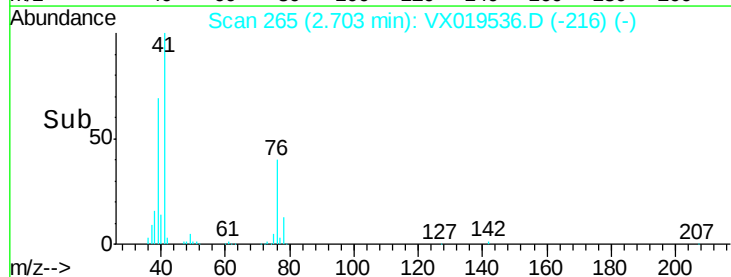
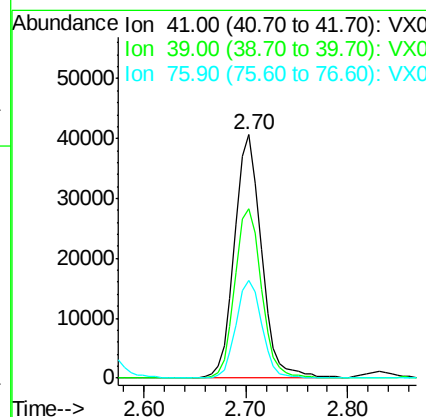
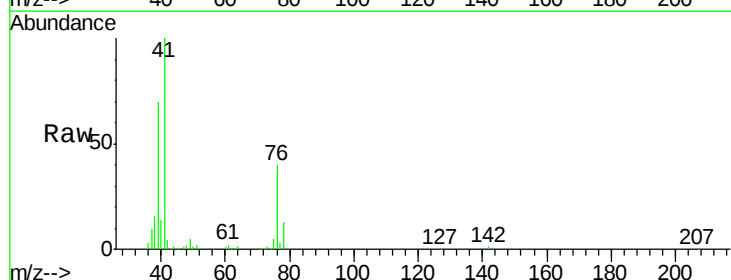
Manual Integrations
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#14
Allyl chloride
Concen: 17.966 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Tgt Ion	41	Resp	74046
Ion Ratio	100	Lower	Upper
39	68.4	53.0	79.4
76	38.9	31.0	46.6





#15

Acrylonitrile

Concen: 100.997 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

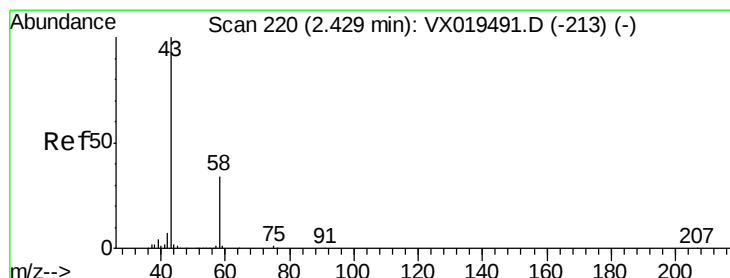
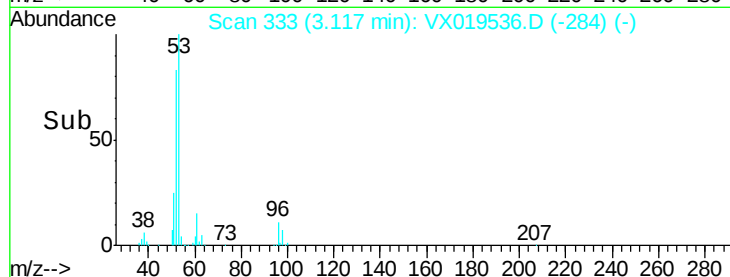
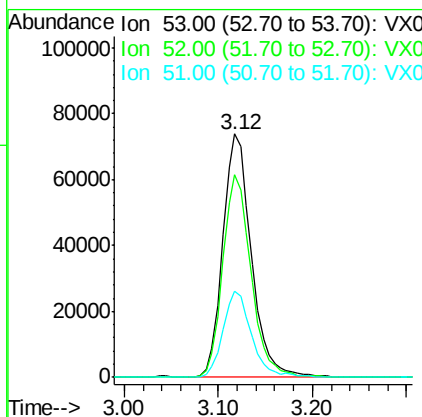
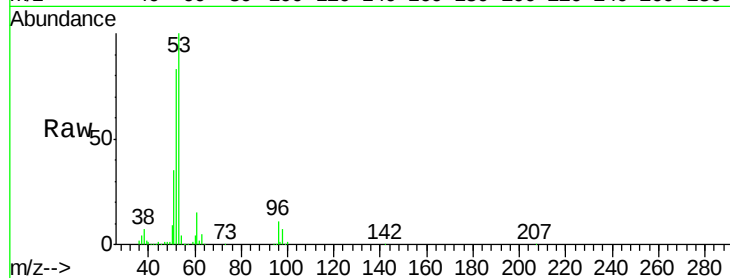
ClientSampleId :

VX1121MBS01

Tot Ion:	53	Resp:	154881
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.2	99.2
51	35.8	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 95.070 ug/l

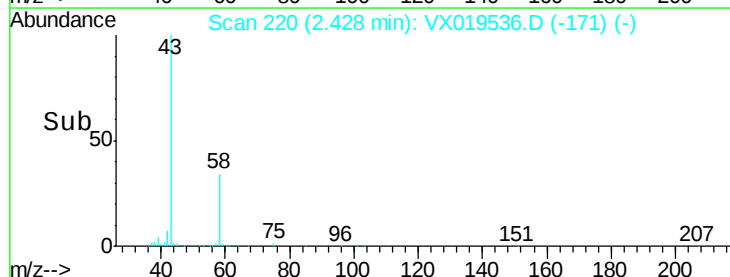
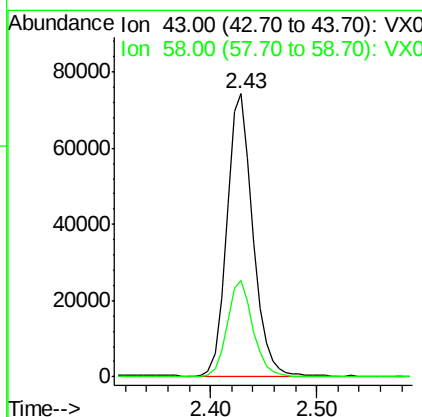
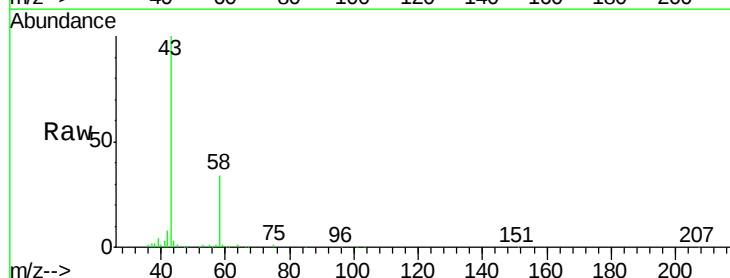
RT: 2.43 min Scan# 220

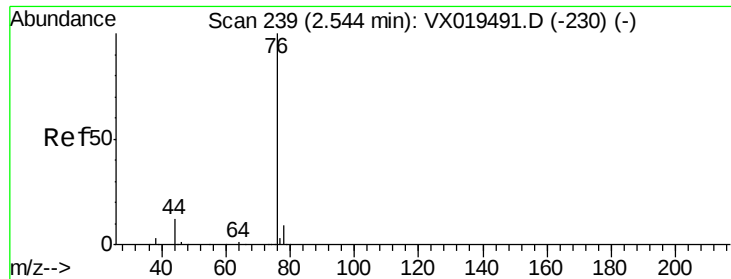
Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Tgt Ion:	43	Resp:	126323
Ion Ratio	Lower	Upper	
43	100		
58	34.2	27.4	41.2





#17

Carbon Disulfide

Concen: 17.990 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 76 Resp: 127151

Ion Ratio Lower Upper

76 100

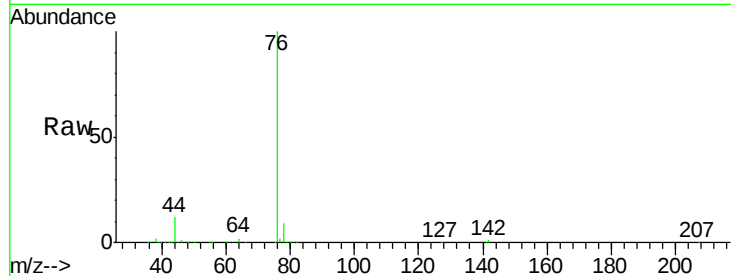
78 9.1 7.2 10.8

Manual Integrations

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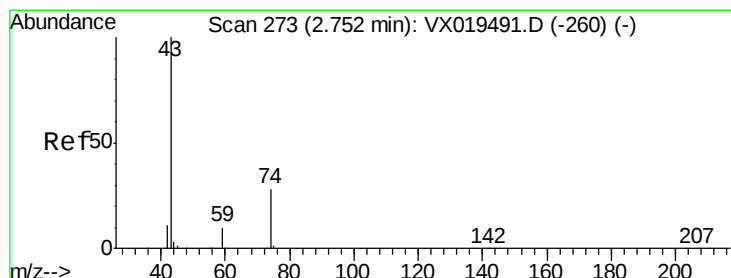
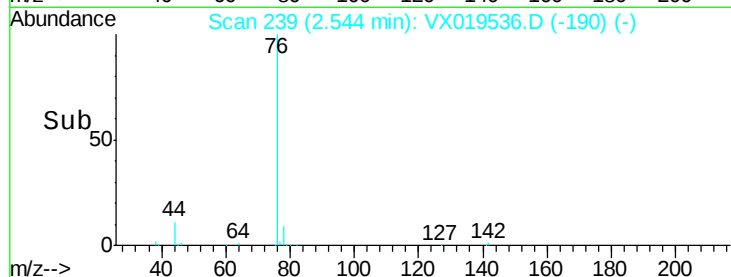
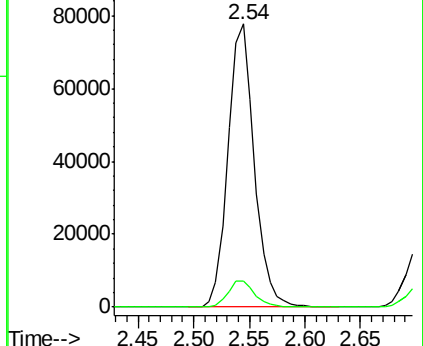
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.202 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019536.D

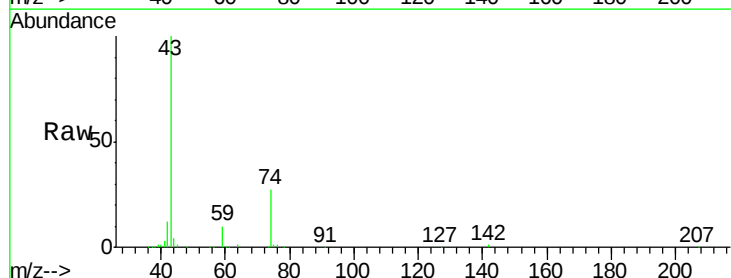
Acq: 21 Nov 2020 09:00

Tgt Ion: 43 Resp: 67867

Ion Ratio Lower Upper

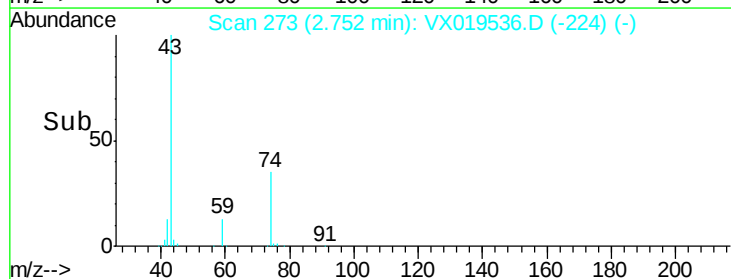
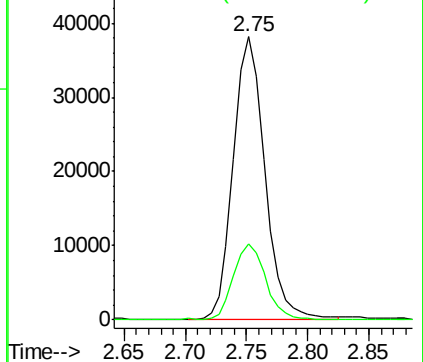
43 100

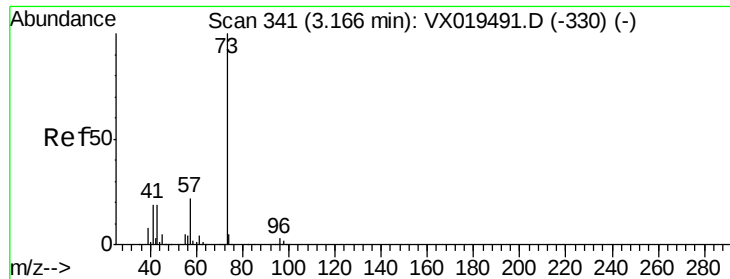
74 27.0 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





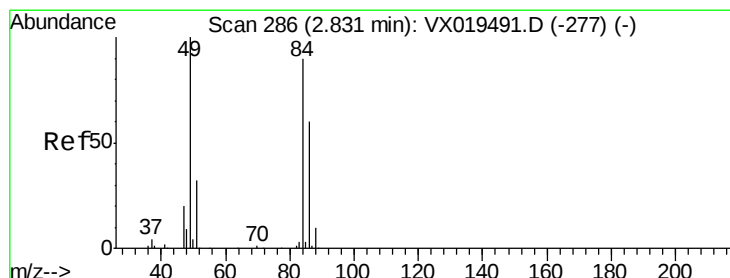
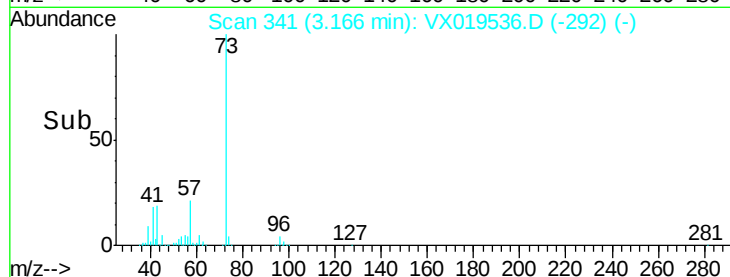
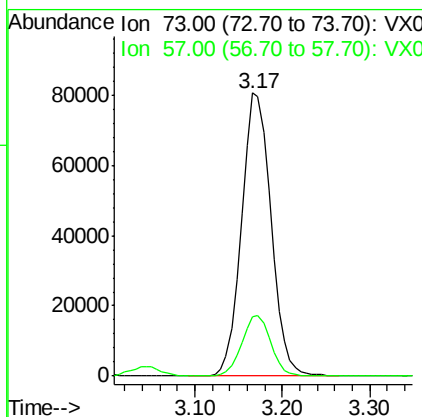
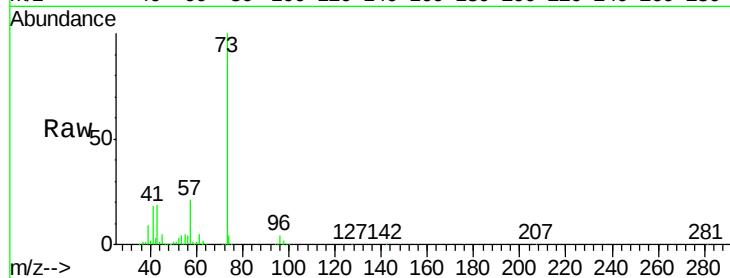
#19
Methvl tert-butvl Ether
Concen: 20.819 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	17.3	25.9

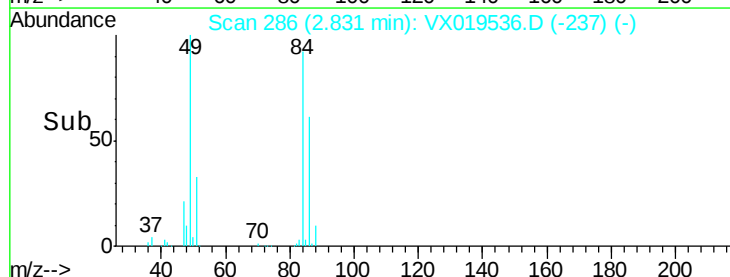
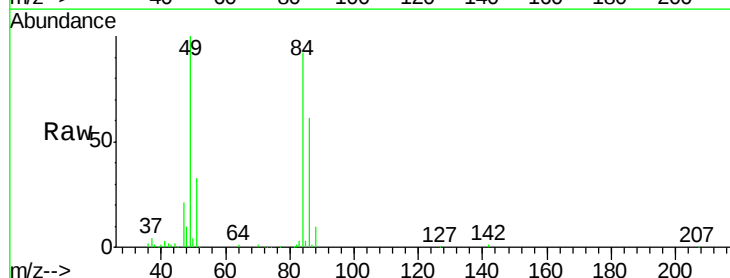
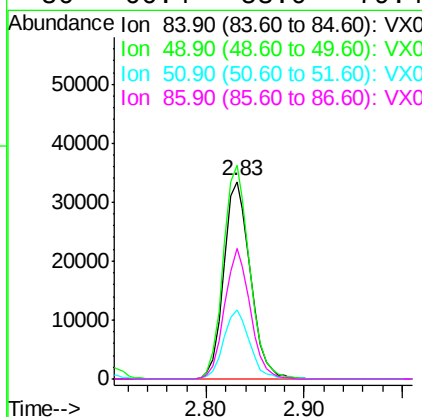
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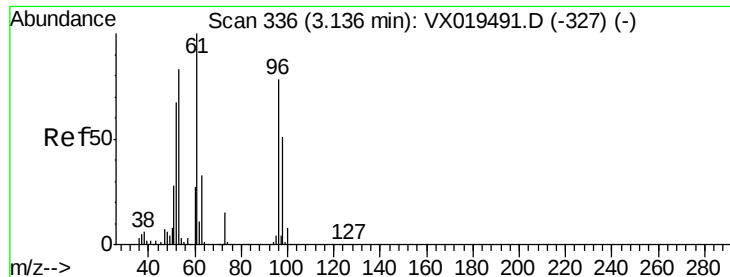
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#20
Methylene Chloride
Concen: 18.873 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.3	88.5	132.7
51	35.4	28.0	42.0
86	66.4	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 19.272 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 96 Resp: 57445

Ion Ratio Lower Upper

96 100

61 130.7 102.9 154.3

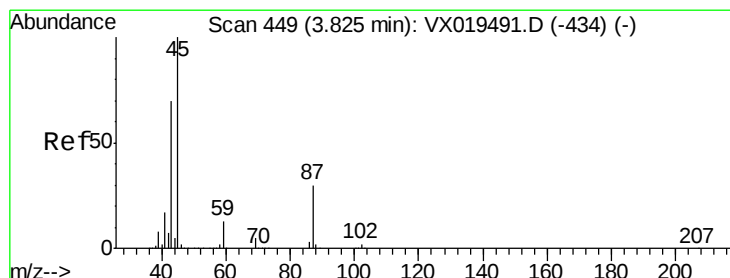
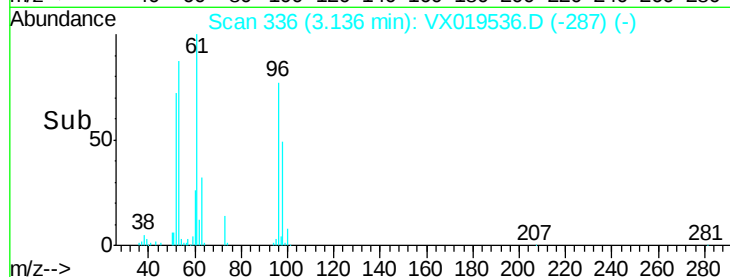
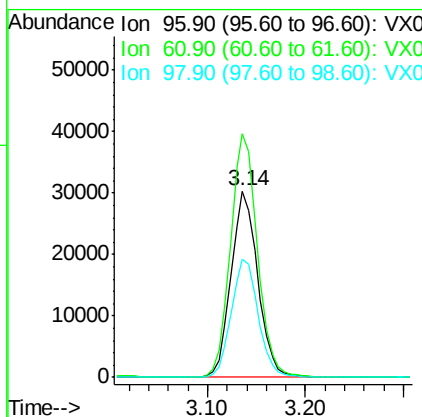
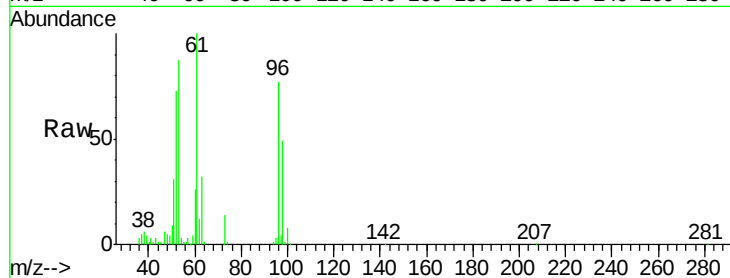
98 63.5 52.1 78.1

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#22

Diisopropyl ether

Concen: 19.857 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Tgt Ion: 45 Resp: 169305

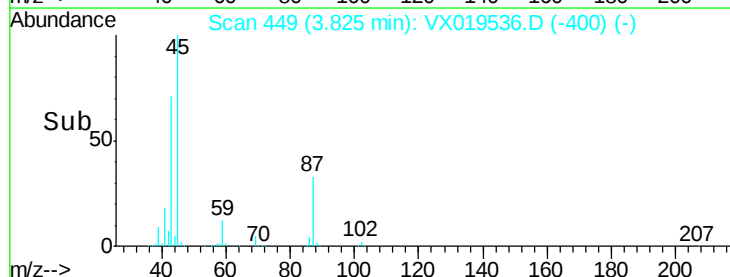
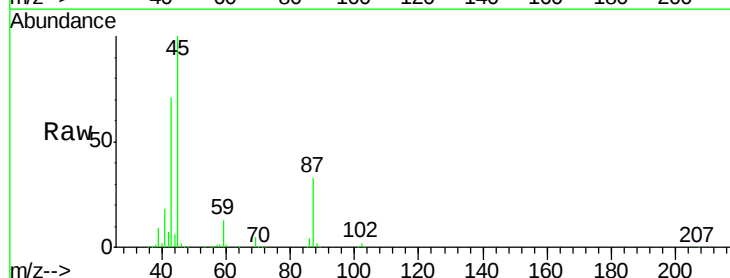
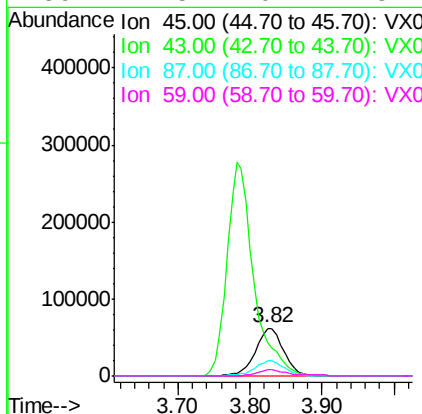
Ion Ratio Lower Upper

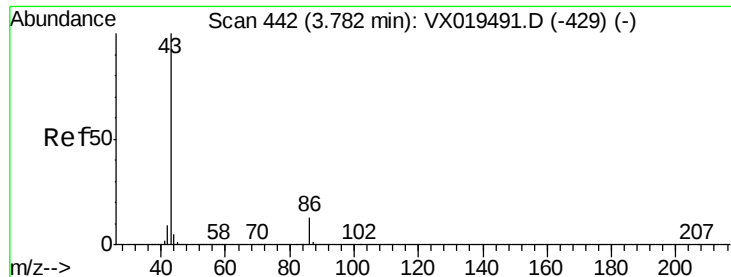
45 100

43 71.0 56.1 84.1

87 32.8 24.2 36.2

59 12.5 10.2 15.2





#23

Vinyl Acetate

Concen: 100.453 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 43 Resp: 718398

Ion Ratio Lower Upper

43 100

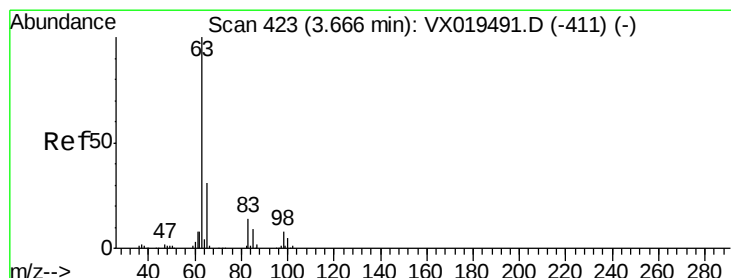
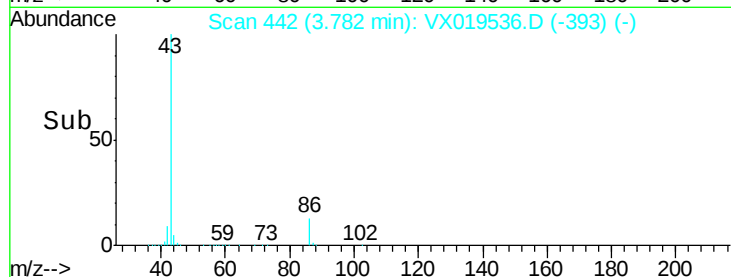
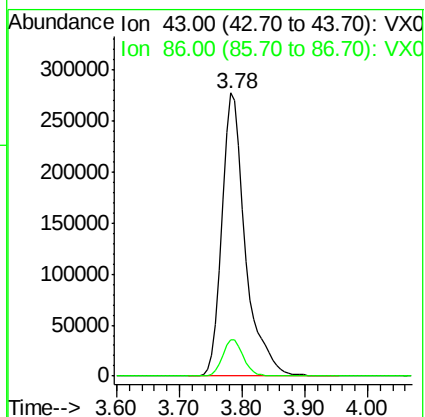
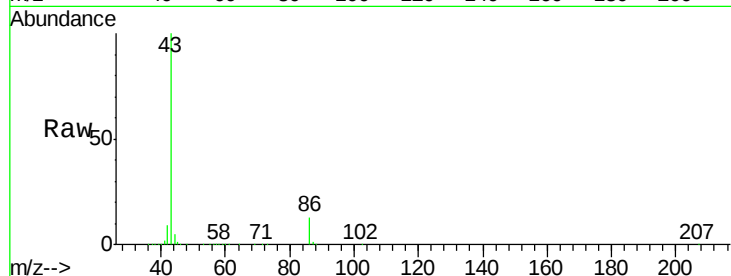
86 12.7 10.2 15.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.548 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

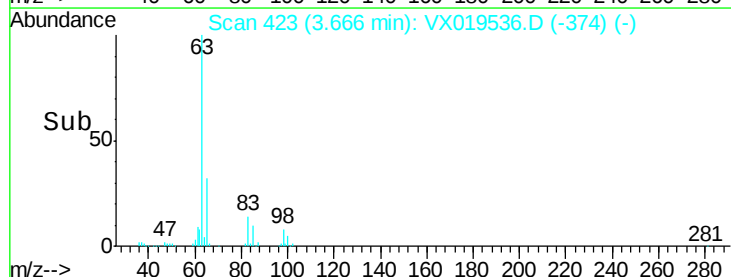
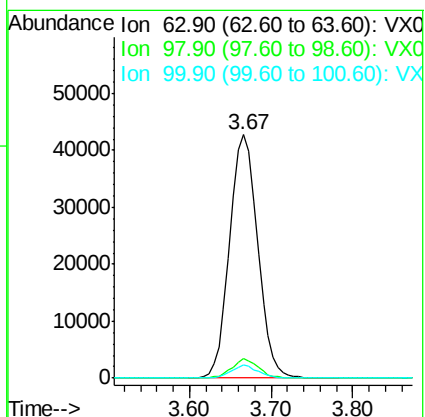
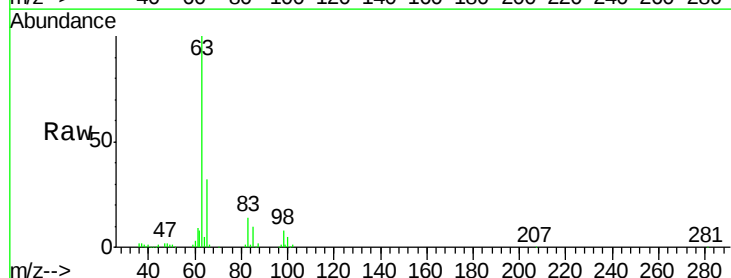
Tgt Ion: 63 Resp: 101945

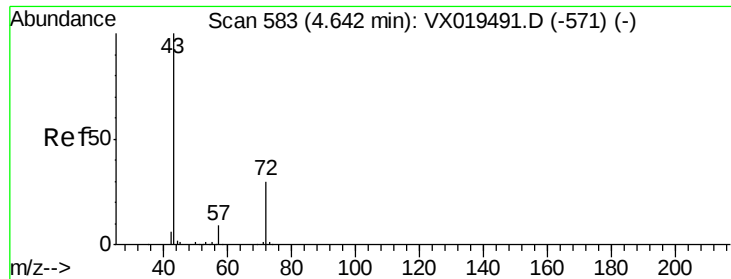
Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

100 5.2 2.4 7.1





#25

2-Butanone

Concen: 99.618 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 43 Resp: 198839

Ion Ratio Lower Upper

43 100

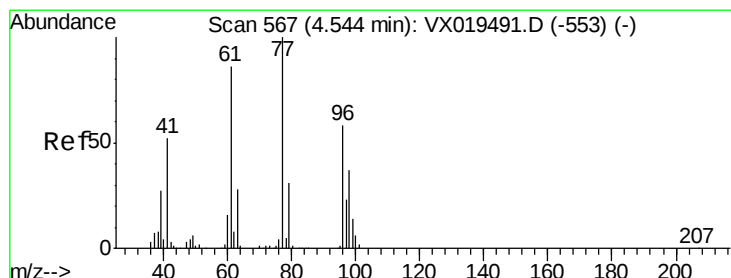
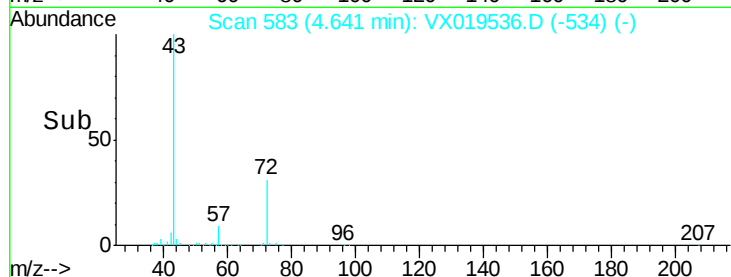
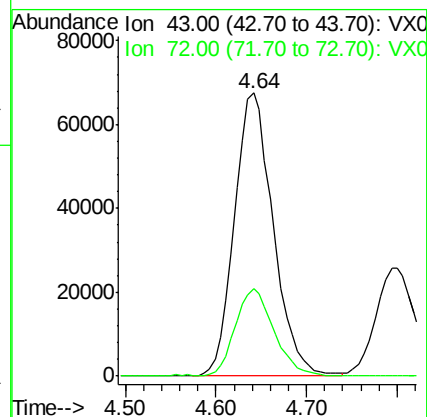
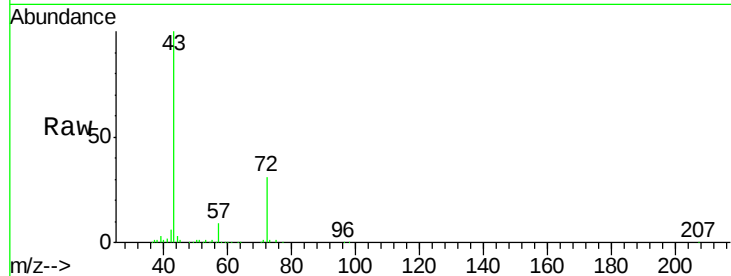
72 30.6 24.0 36.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 13.078 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019536.D

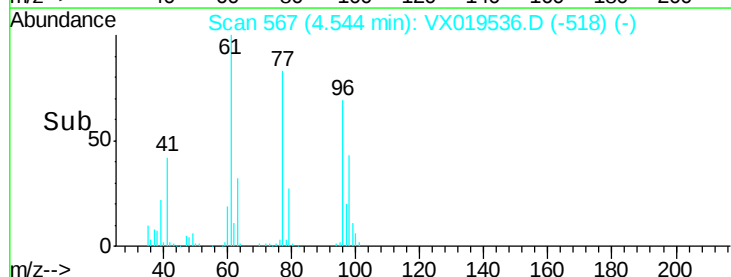
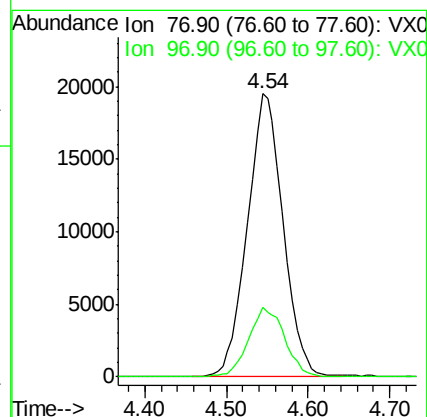
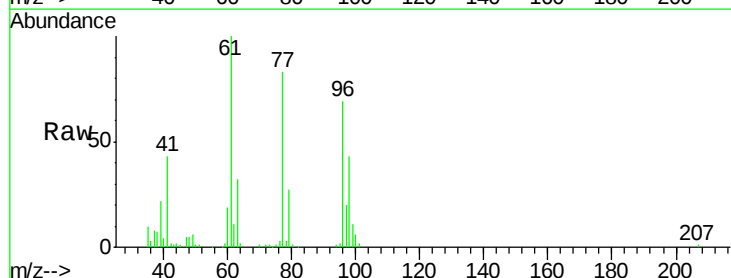
Acq: 21 Nov 2020 09:00

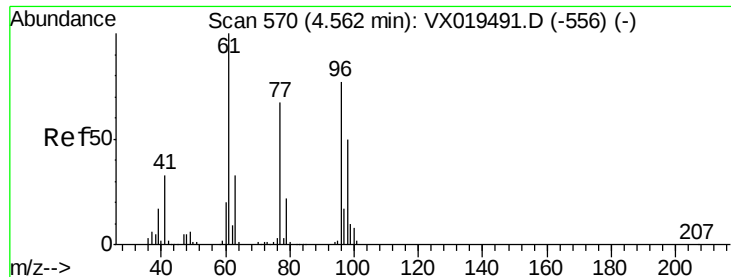
Tgt Ion: 77 Resp: 59530

Ion Ratio Lower Upper

77 100

97 24.7 11.6 34.8





#27

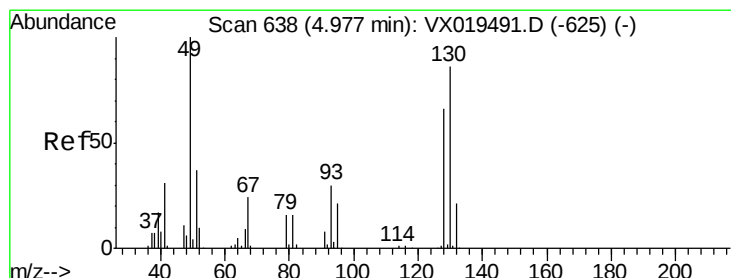
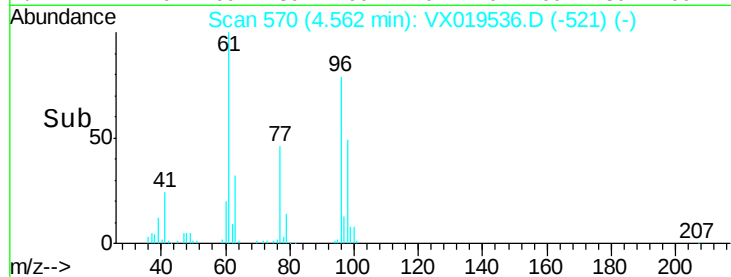
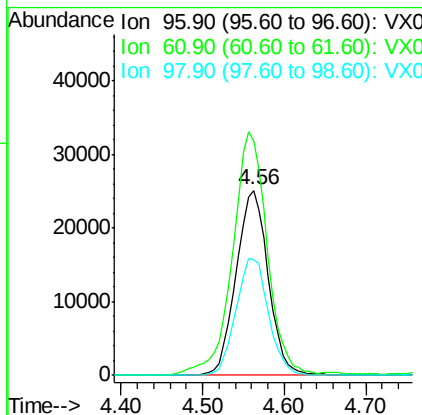
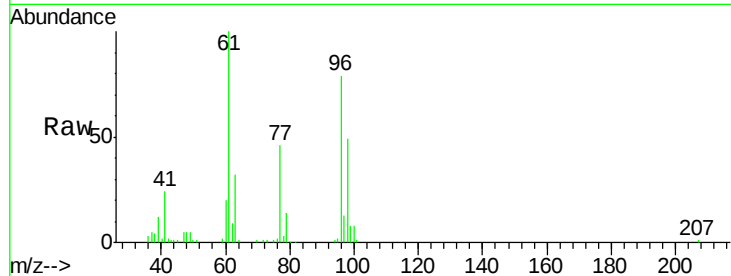
cis-1,2-Dichloroethene
Concen: 20.020 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	279.2
98	64.2	0.0	129.8

Manual Integrations
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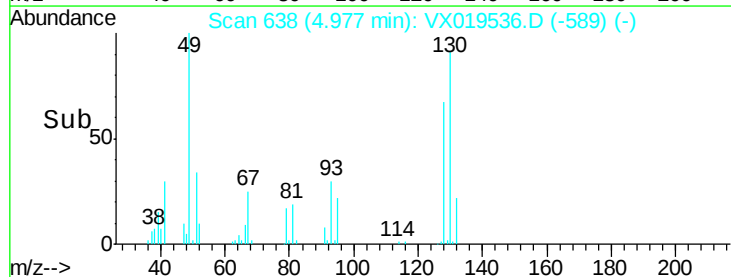
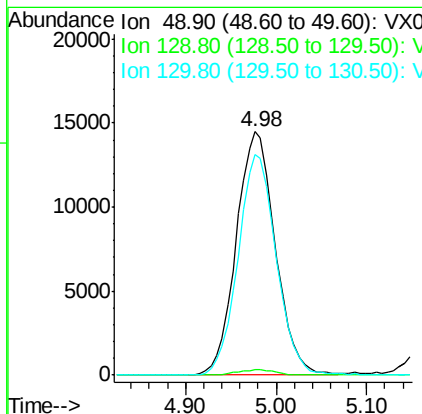
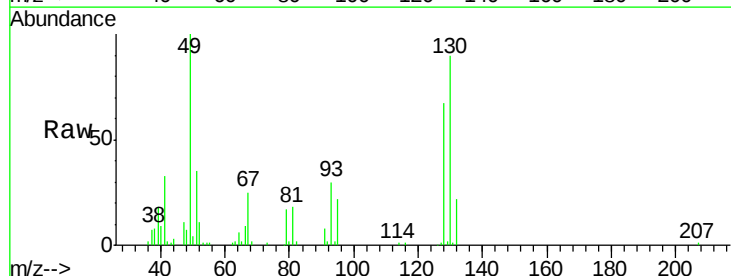
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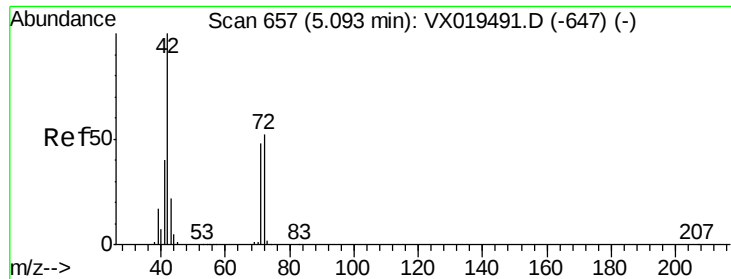


#28

Bromochloromethane
Concen: 17.364 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	88.6	69.0	103.6





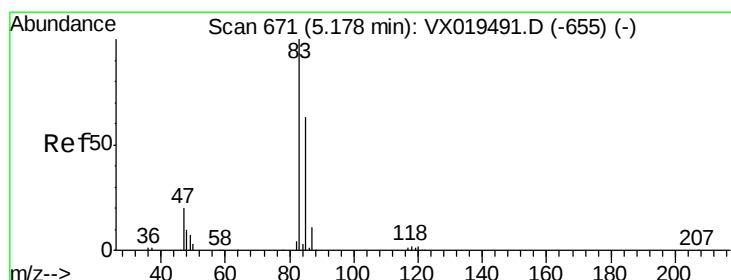
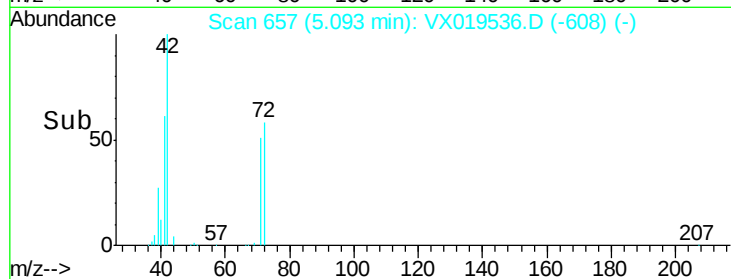
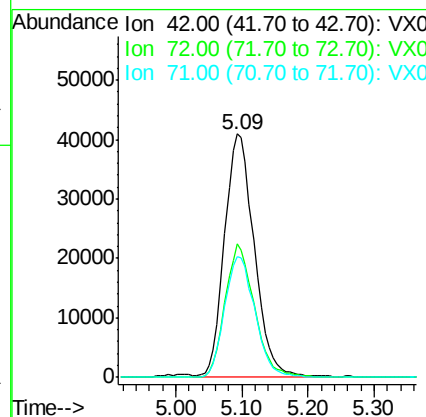
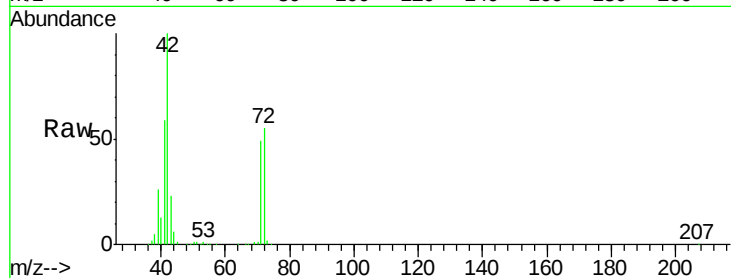
#29
Tetrahydrofuran
Concen: 99.620 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.1	42.6	63.8
71	51.0	39.0	58.6

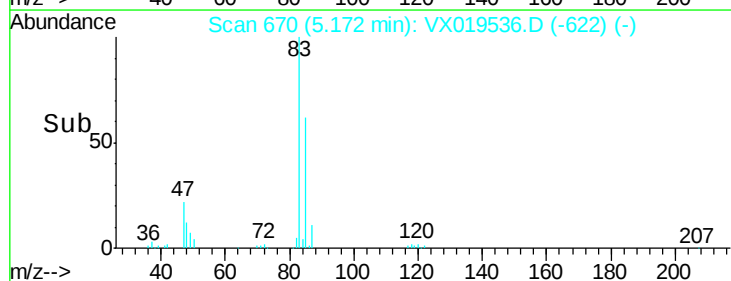
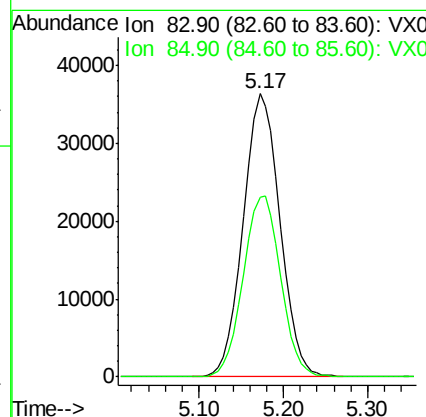
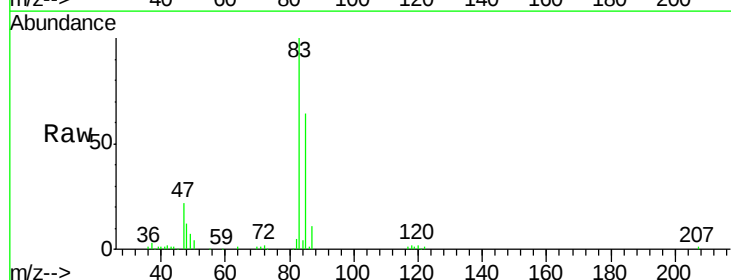
Manual Integrations
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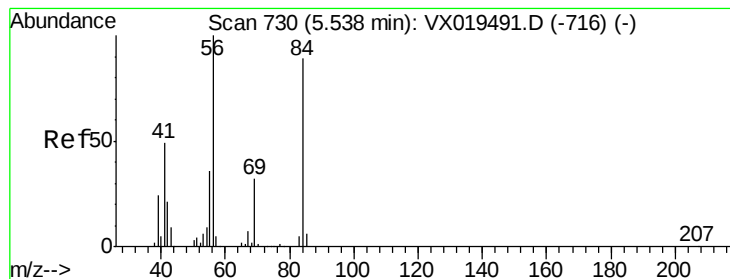
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#30
Chloroform
Concen: 19.748 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.5	75.7





#31

Cvclohexane

Concen: 18.707 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

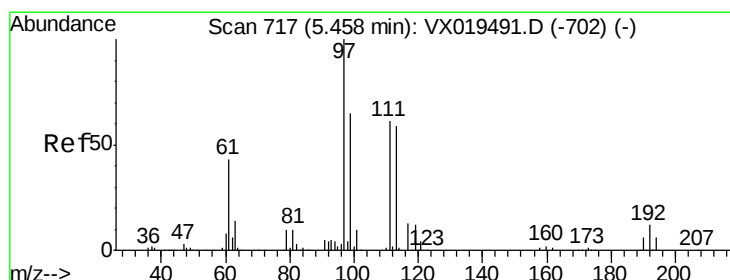
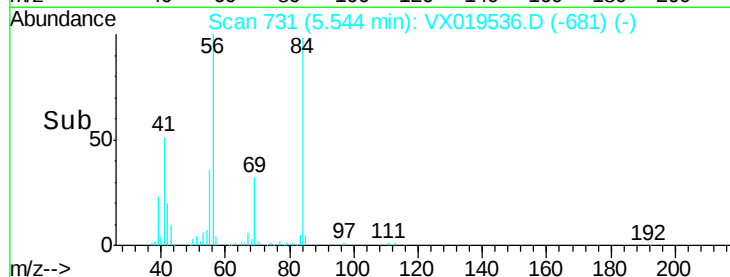
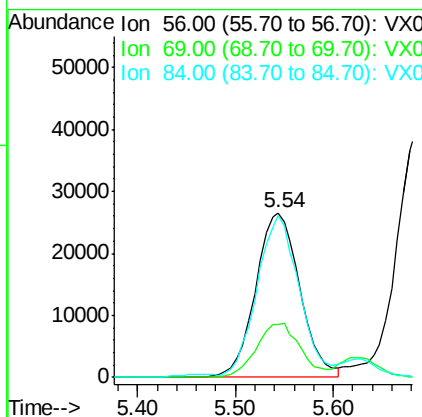
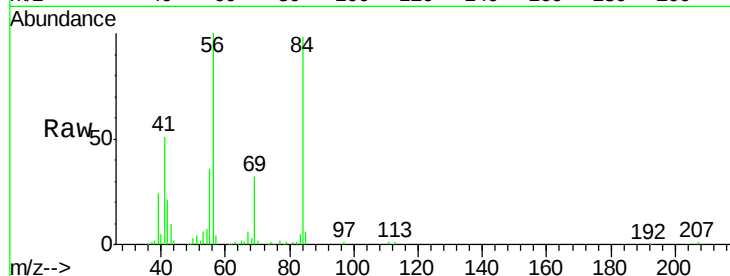
ClientSampleId :

VX1121MBS01

Tot Ion:	56	Resp:	83598
Ion Ratio	Lower	Upper	
56	100		
69	31.8	25.5	38.3
84	96.4	71.1	106.7

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#32

1,1,1-Trichloroethane

Concen: 19.956 ug/l

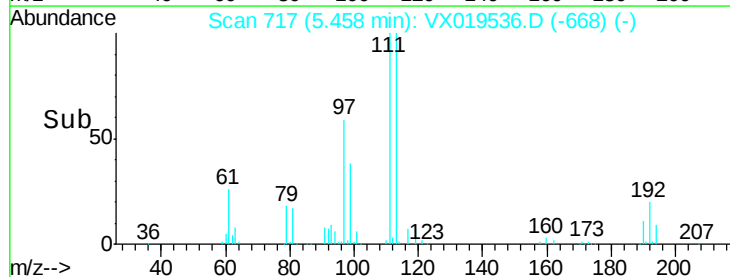
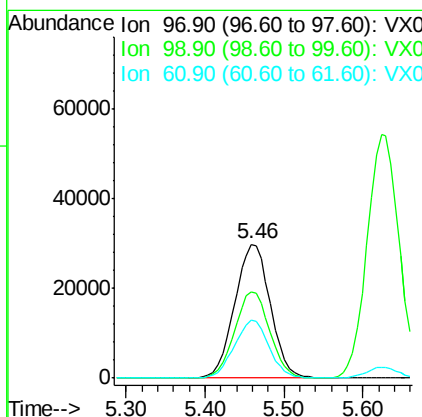
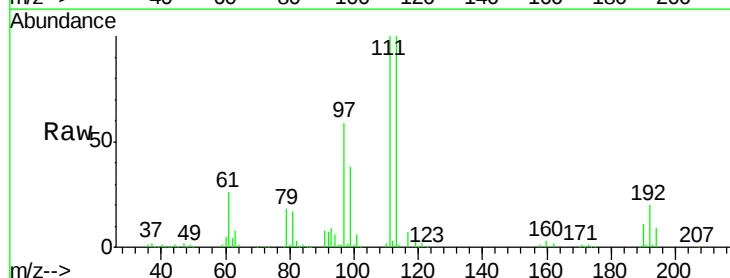
RT: 5.46 min Scan# 717

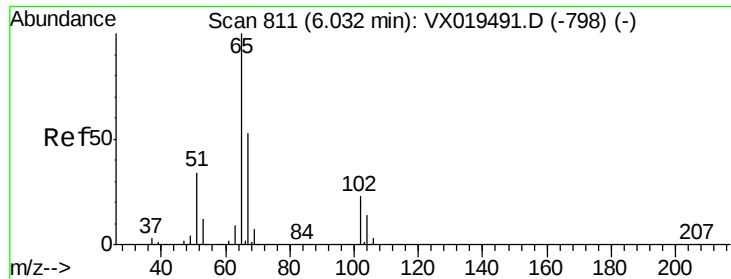
Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Tgt Ion:	97	Resp:	93479
Ion Ratio	Lower	Upper	
97	100		
99	63.9	51.4	77.0
61	42.3	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 52.321 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 65 Resp: 179772

Ion Ratio Lower Upper

65 100

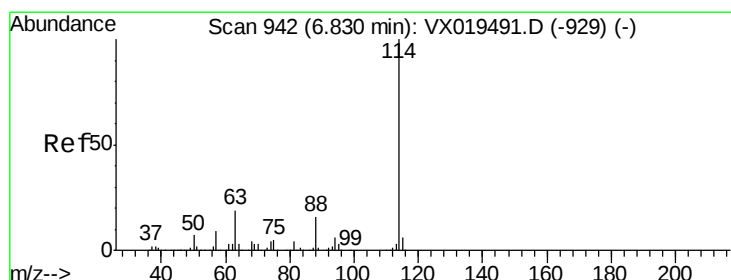
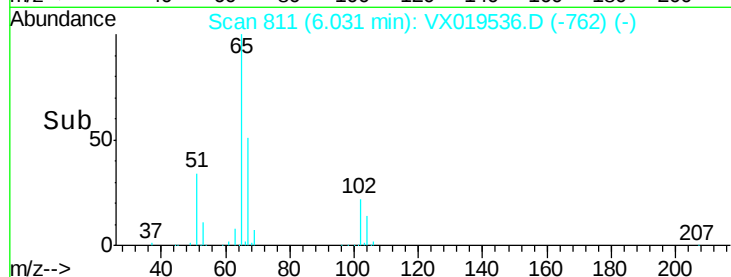
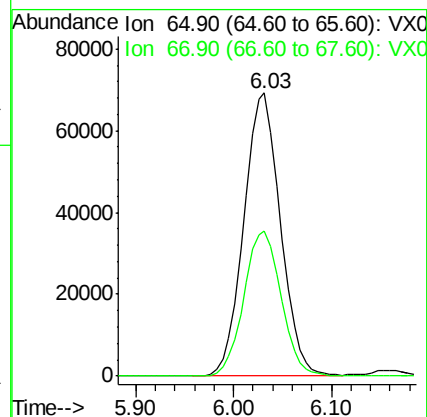
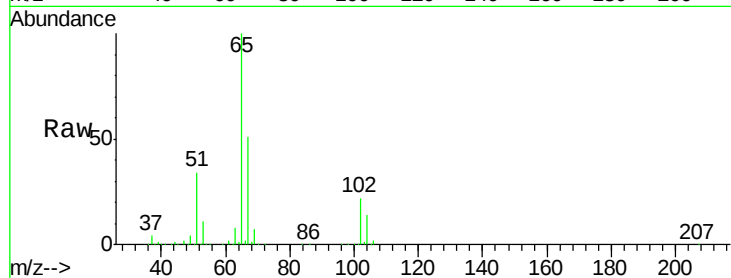
67 52.1 0.0 105.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

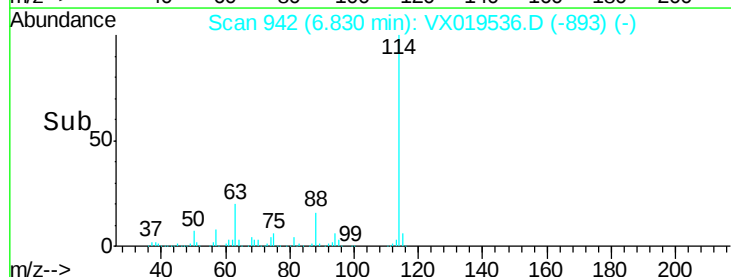
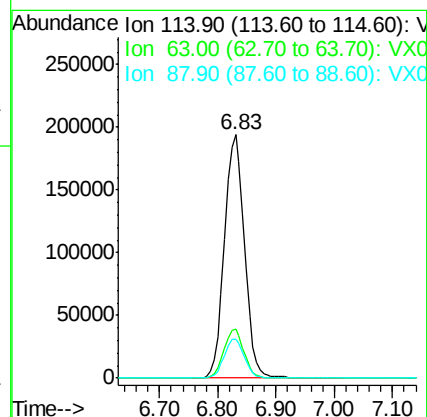
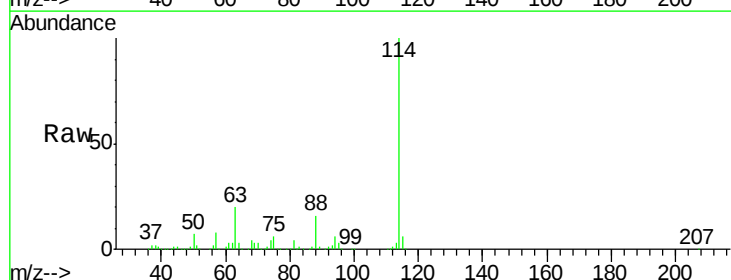
Tgt Ion: 114 Resp: 464373

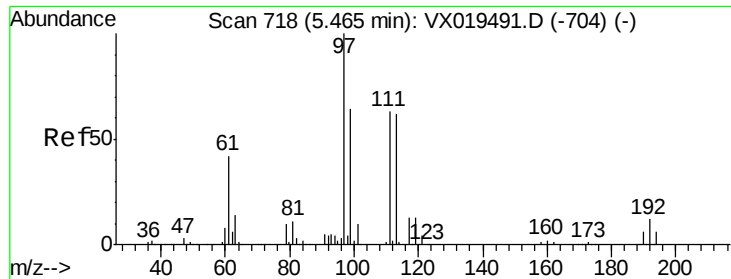
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.8

88 16.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.344 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

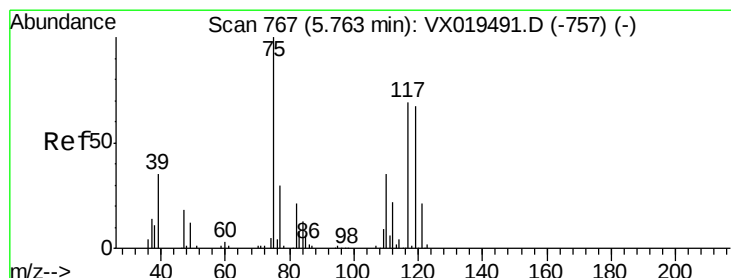
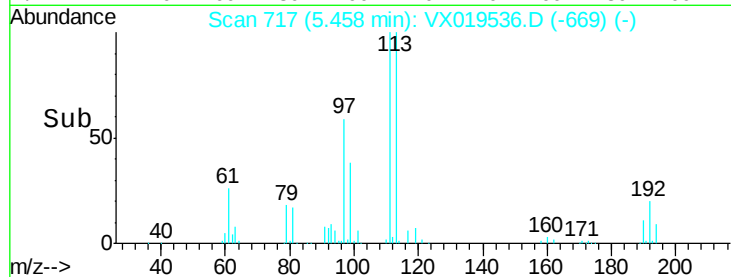
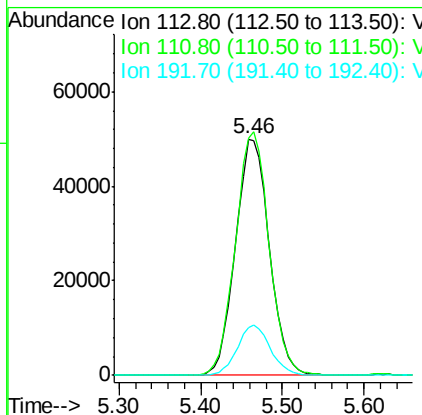
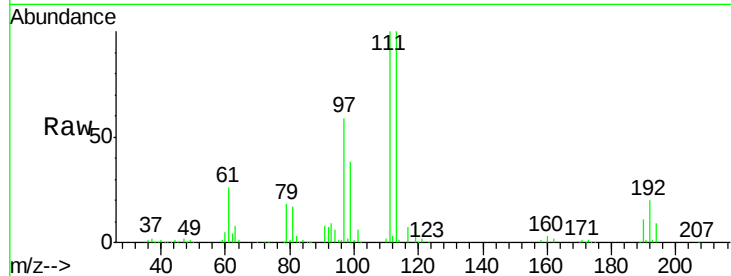
ClientSampleId :

VX1121MBS01

Tot Ion:	113	Resp:	143830
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.5	122.3
192	20.7	16.2	24.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.767 ug/l

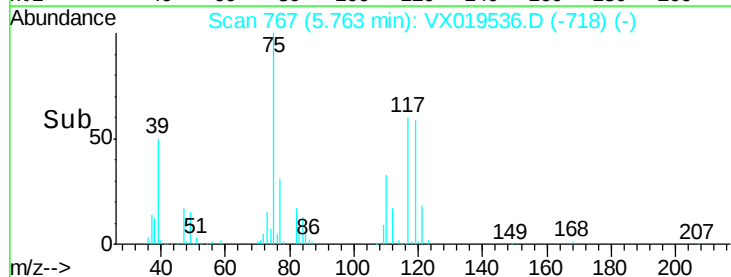
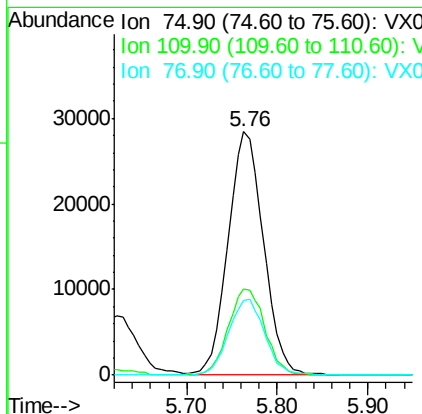
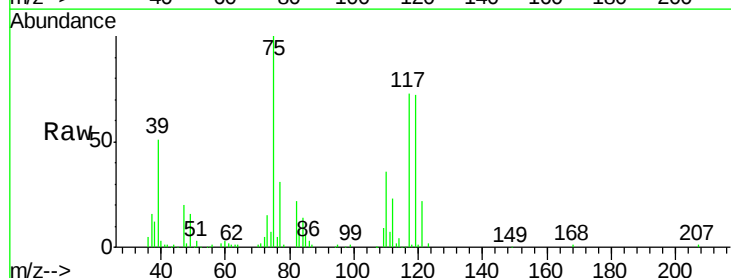
RT: 5.76 min Scan# 767

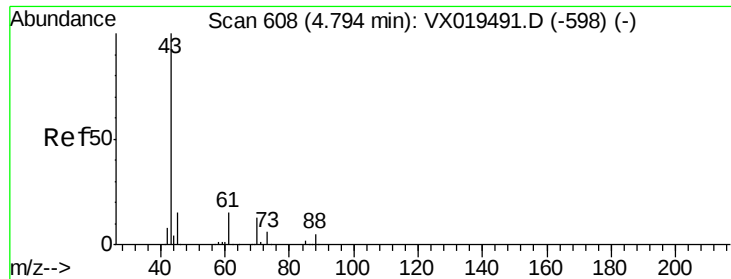
Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Tgt Ion:	75	Resp:	77347
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.1	54.3
77	31.8	24.2	36.4





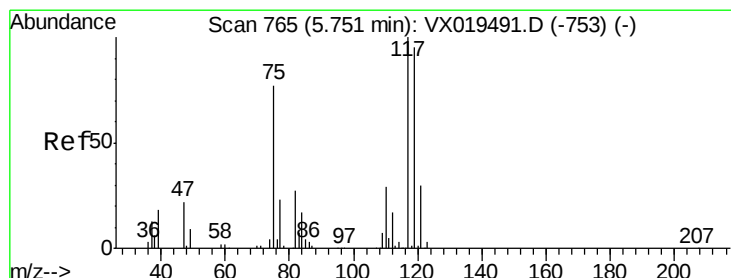
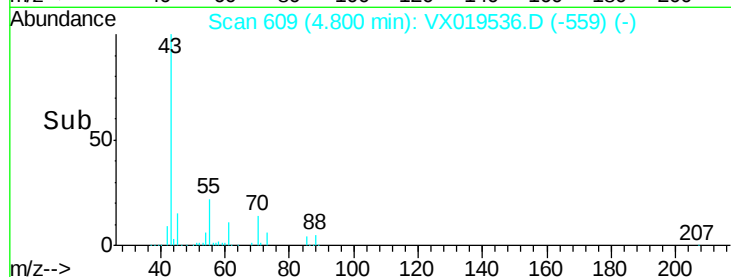
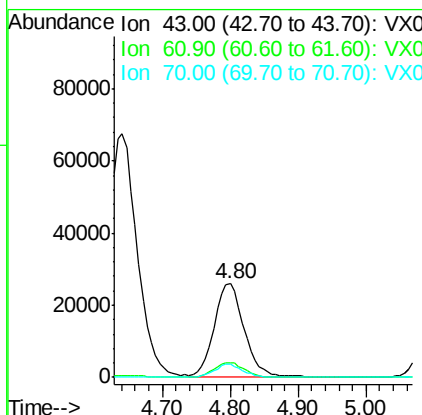
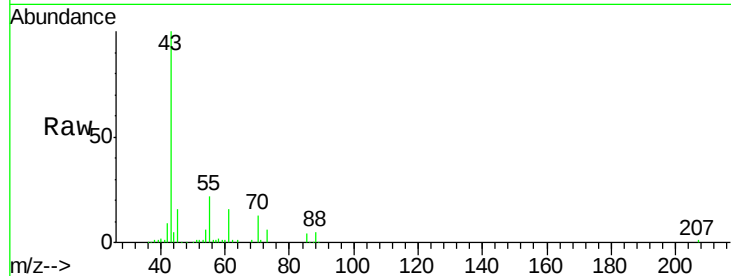
#37
Ethyl Acetate
Concen: 19.161 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.7	19.1
70	13.4	10.2	15.2

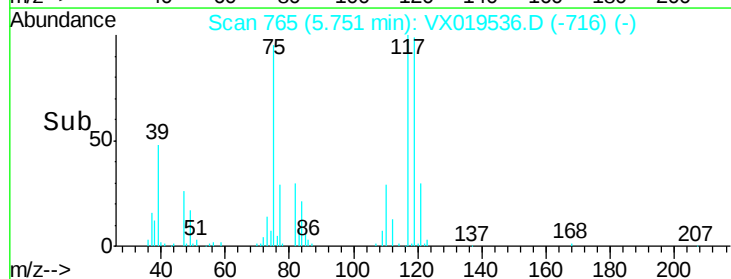
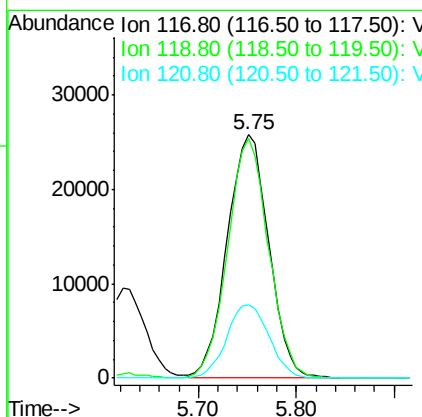
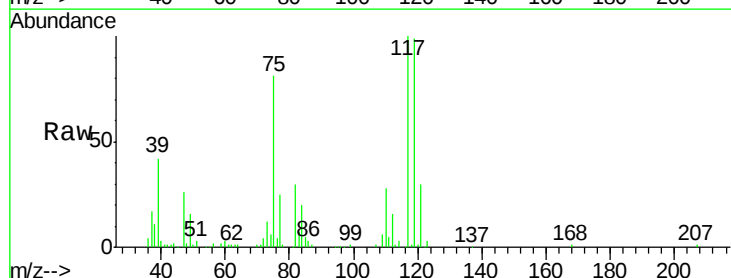
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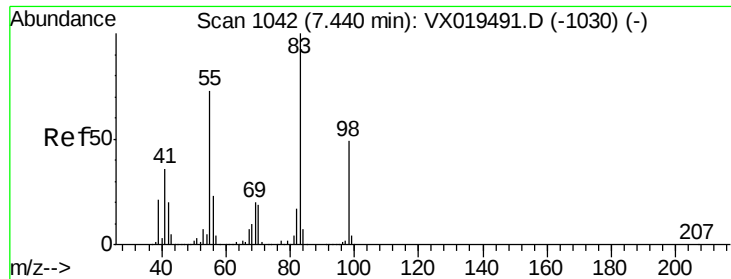
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#38
Carbon Tetrachloride
Concen: 17.964 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	75.9	113.9
121	30.4	24.0	36.0





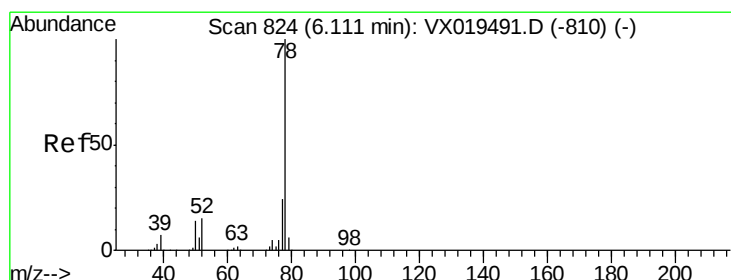
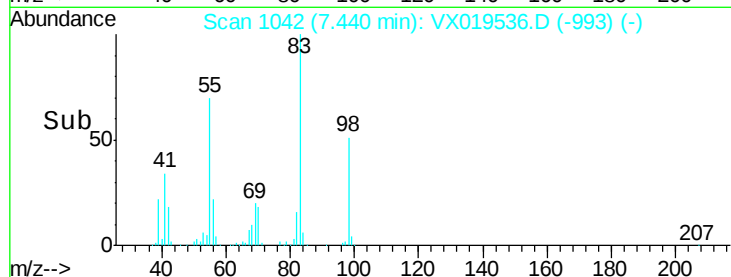
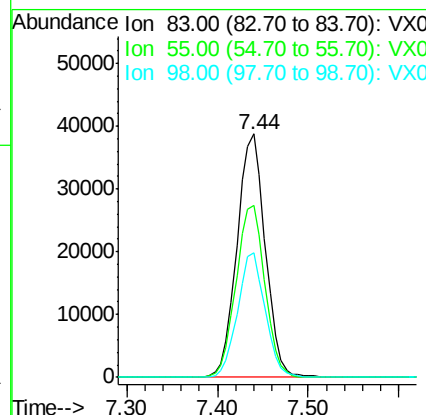
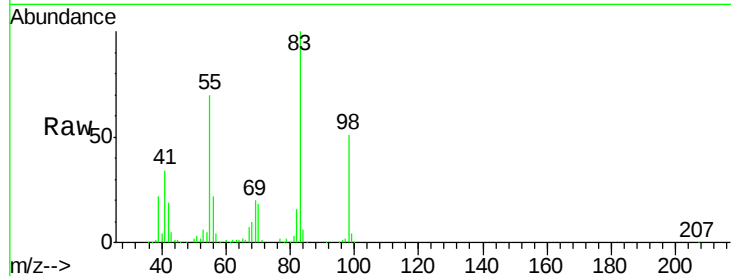
#39
Methvlcvclohexane
Concen: 16.578 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.5	58.3	87.5
98	50.9	38.9	58.3

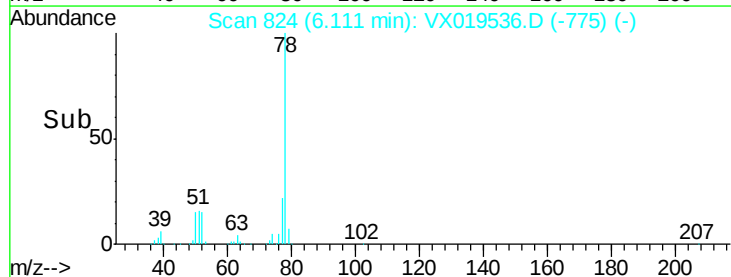
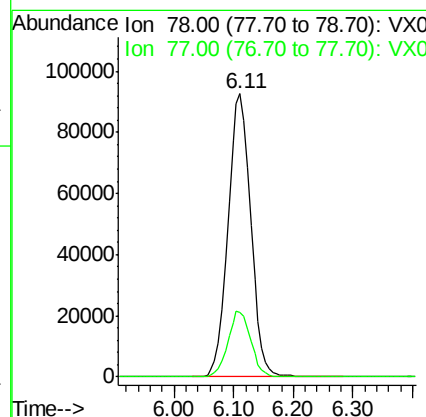
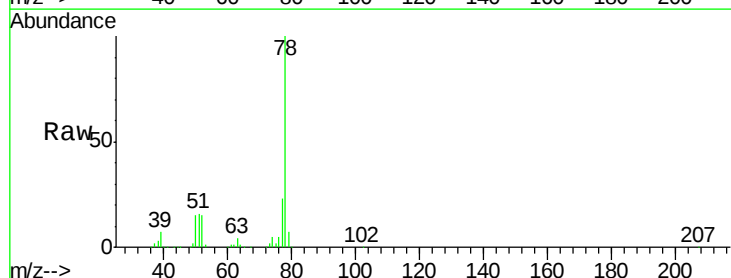
Manual Integrations
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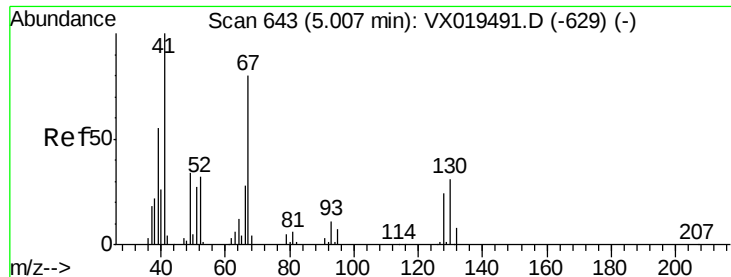
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#40
Benzene
Concen: 18.386 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.9	28.3





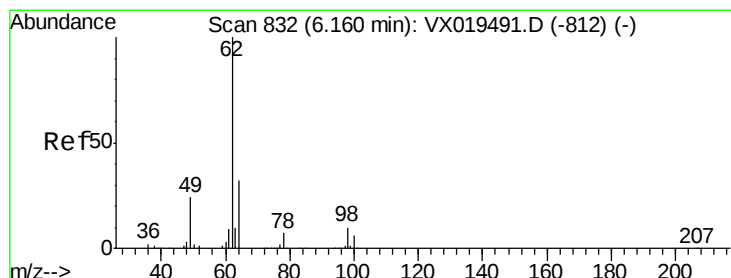
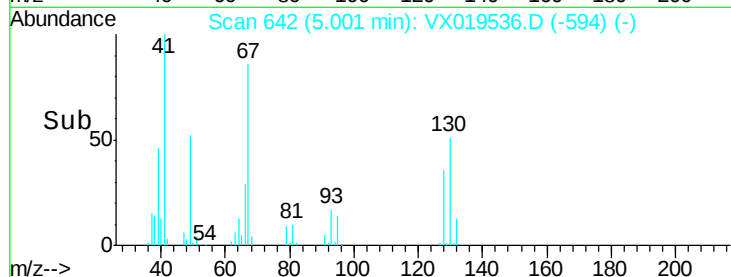
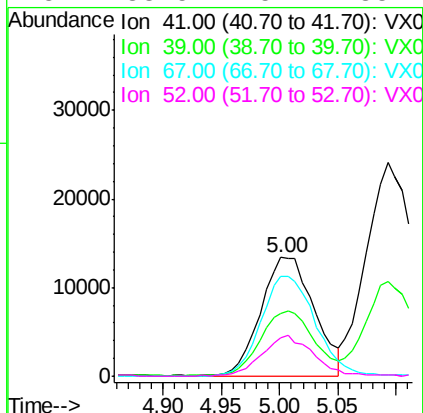
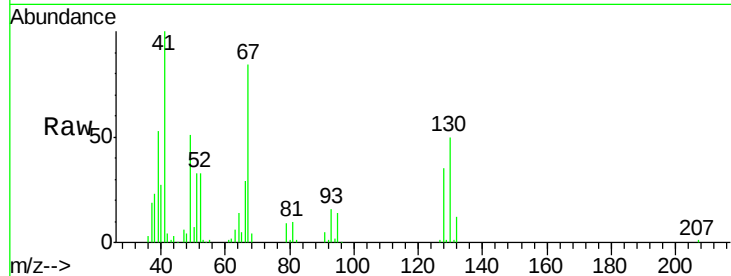
#41
Methacrylonitrile
Concen: 19.055 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		42946		
39	55.5	43.3	64.9		
67	85.5	66.0	99.0		
52	33.5	25.4	38.2		

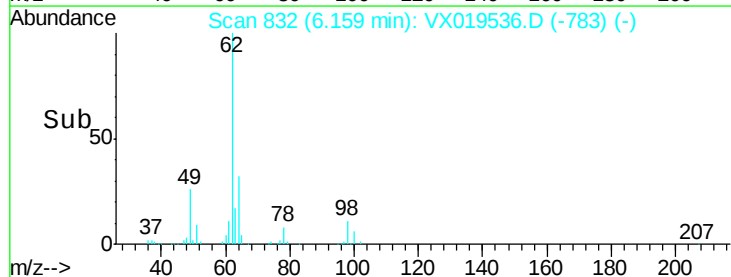
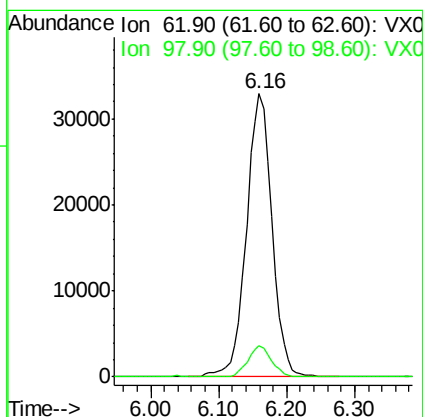
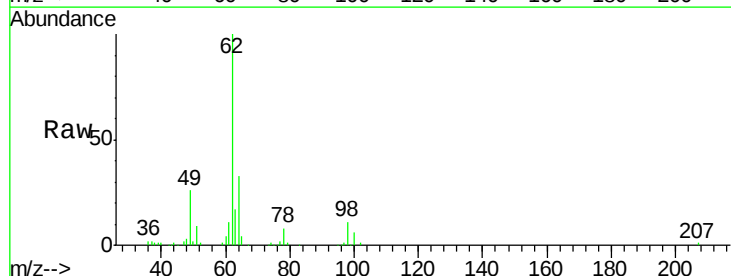
Manual Integrations
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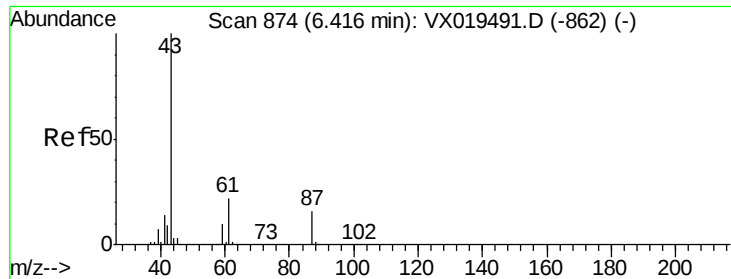
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#42
1,2-Dichloroethane
Concen: 18.826 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		86314		
98	10.1	0.0	20.0		





#43

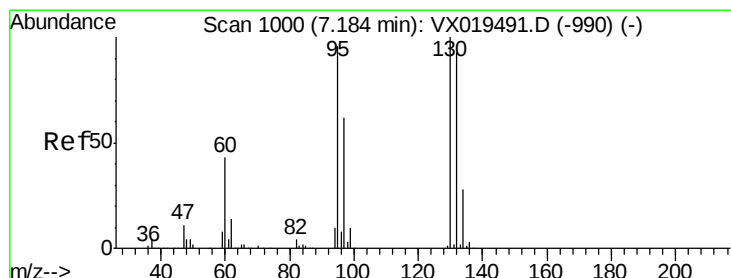
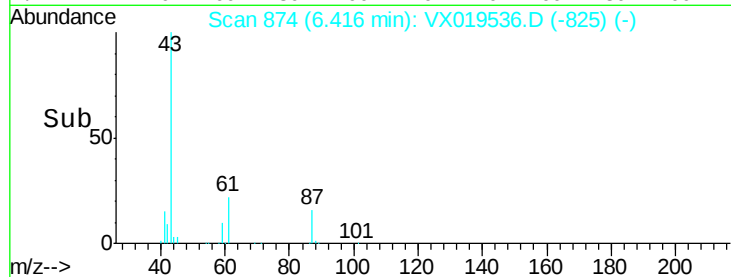
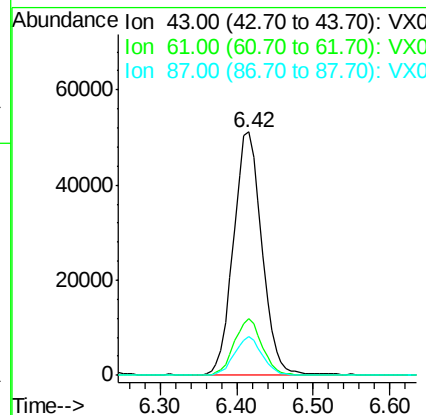
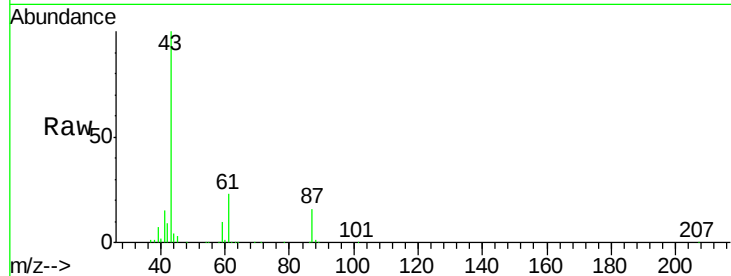
Isopropyl Acetate
 Concen: 19.112 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019536.D
 Acq: 21 Nov 2020 09:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.1	18.2	27.2
87	15.6	12.6	18.8

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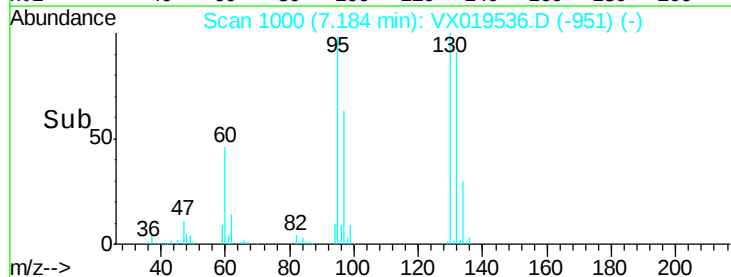
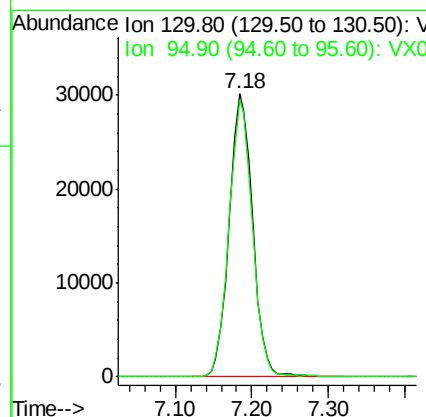
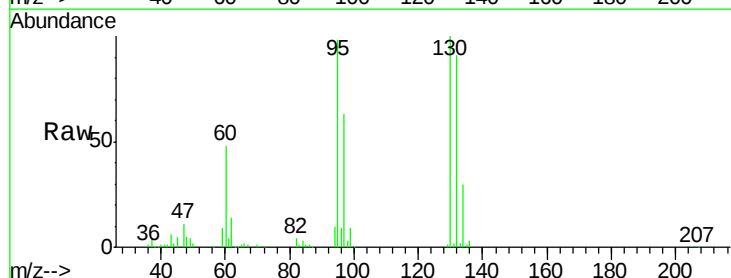
MMDadoda
 11/23/2020 9:35:03 AM

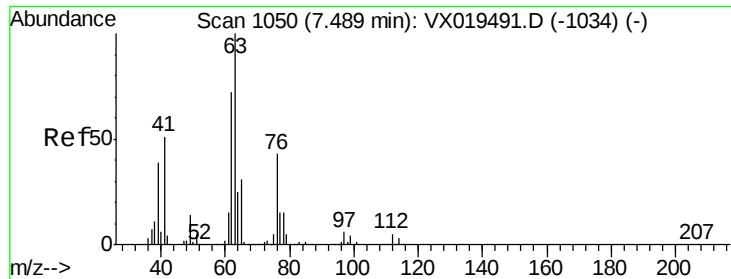


#44

Trichloroethene
 Concen: 18.247 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019536.D
 Acq: 21 Nov 2020 09:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	191.2





#45

1,2-Dichloropropane

Concen: 18.654 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 63 Resp: 61427

Ion Ratio Lower Upper

63 100

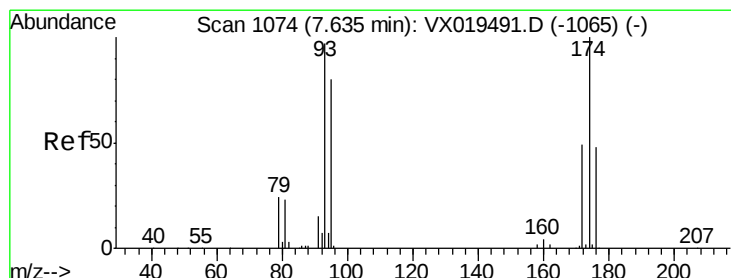
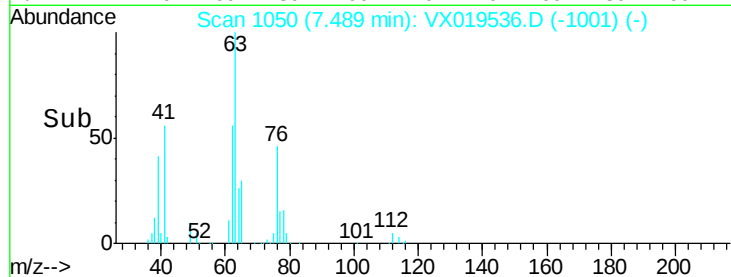
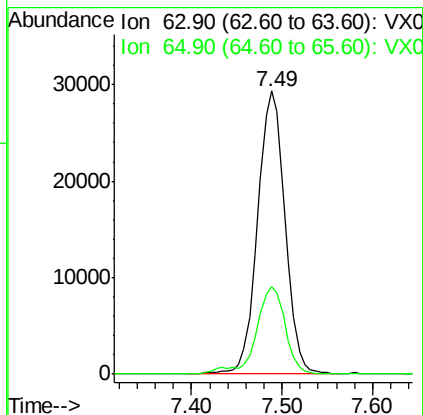
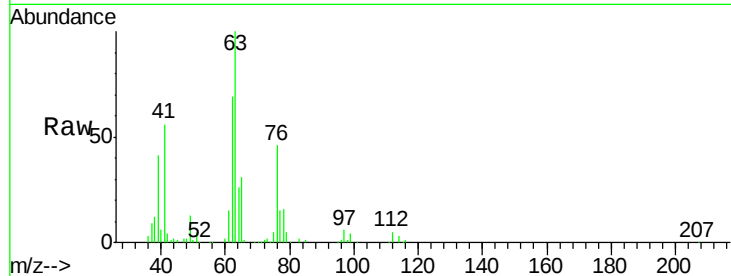
65 31.0 25.0 37.4

Manual Integrations

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#46

Dibromomethane

Concen: 18.792 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

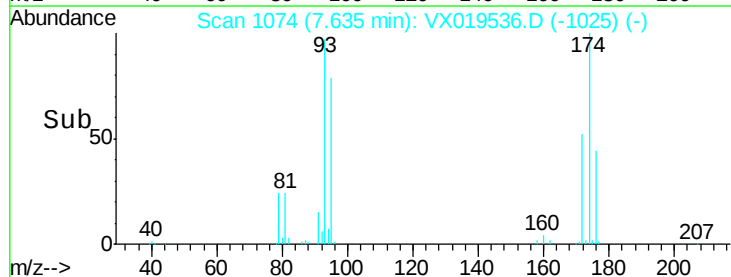
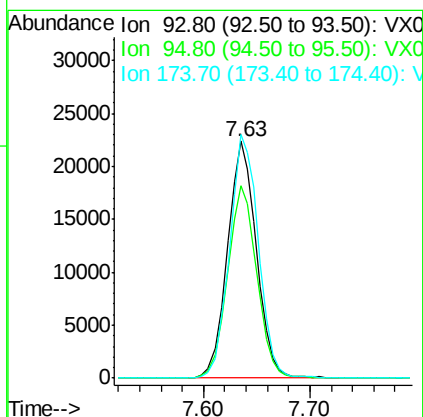
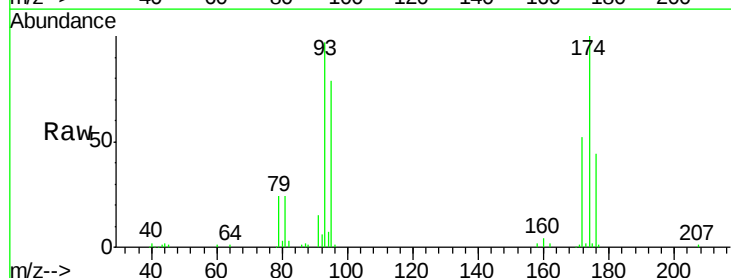
Tgt Ion: 93 Resp: 42353

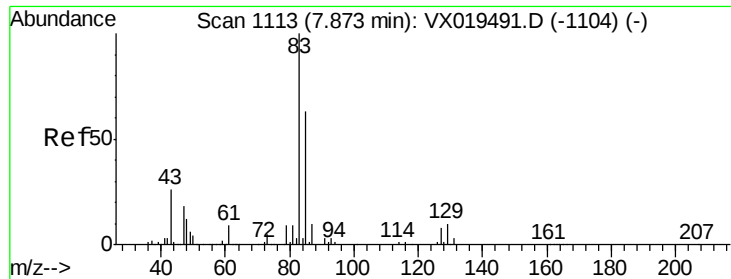
Ion Ratio Lower Upper

93 100

95 82.3 66.8 100.2

174 103.3 83.0 124.4





#47

Bromodichloromethane

Concen: 18.815 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

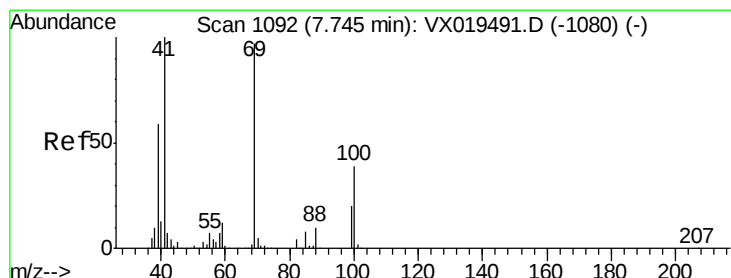
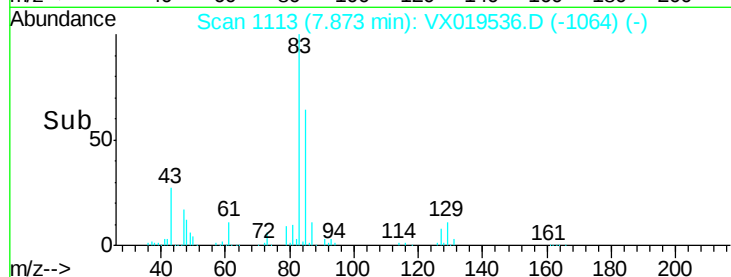
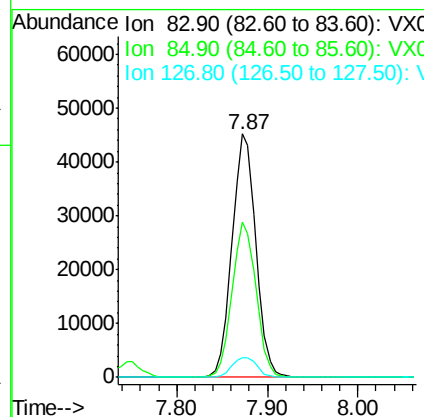
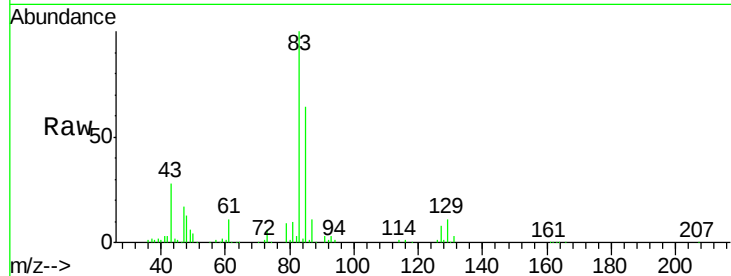
ClientSampleId :

VX1121MBS01

Tot Ion:	83	Resp:	82286
Ion Ratio	Lower	Upper	
83	100		
85	63.6	50.2	75.2
127	8.0	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.835 ug/l

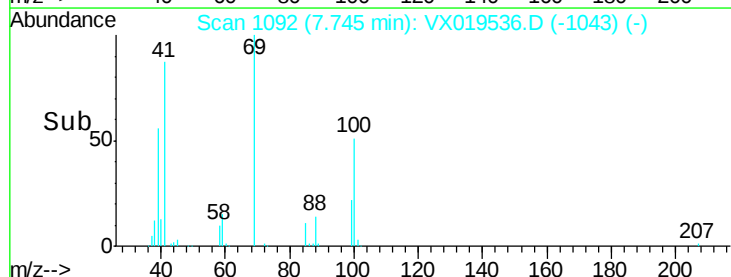
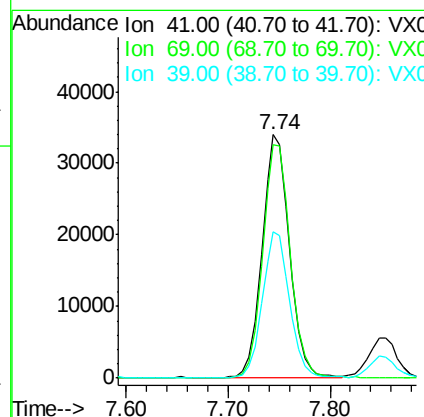
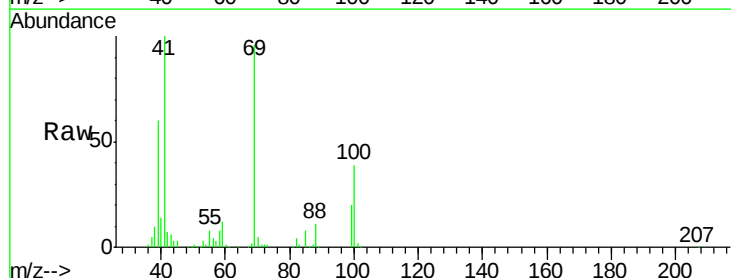
RT: 7.74 min Scan# 1092

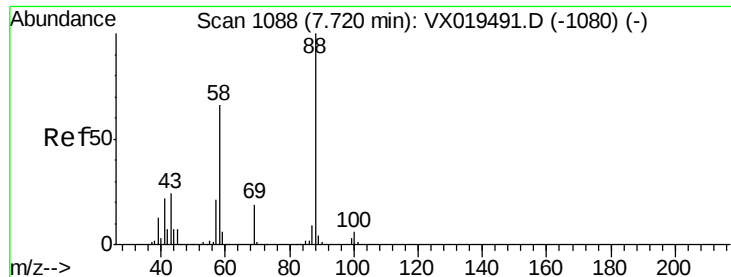
Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Tgt Ion:	41	Resp:	63821
Ion Ratio	Lower	Upper	
41	100		
69	96.8	77.0	115.6
39	59.8	45.6	68.4





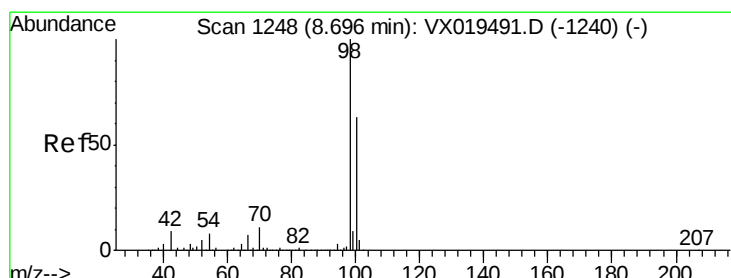
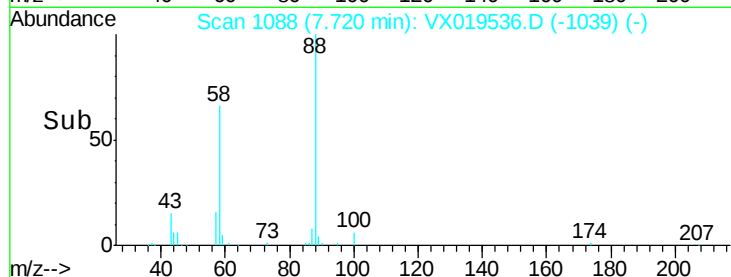
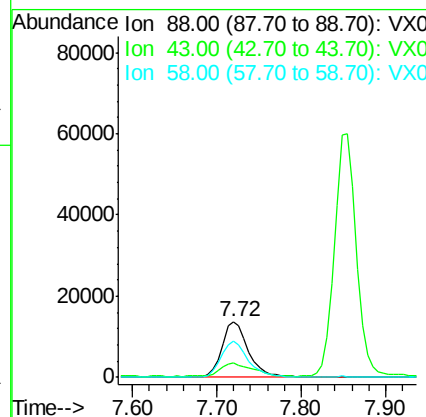
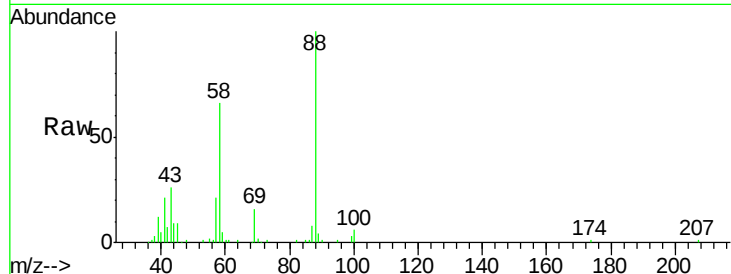
#49
1,4-Dioxane
Concen: 411.057 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.8	23.8	35.6
58	66.4	54.2	81.2

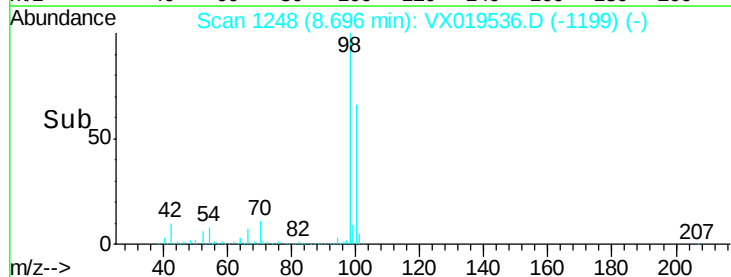
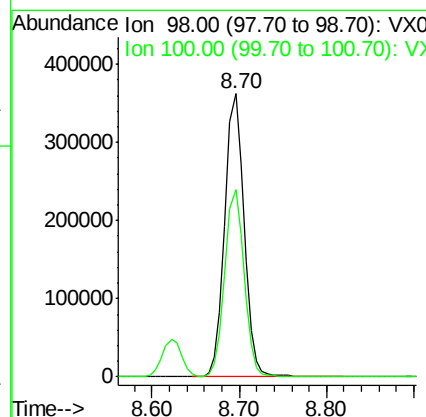
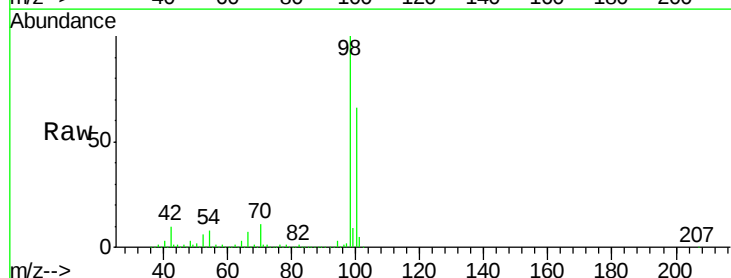
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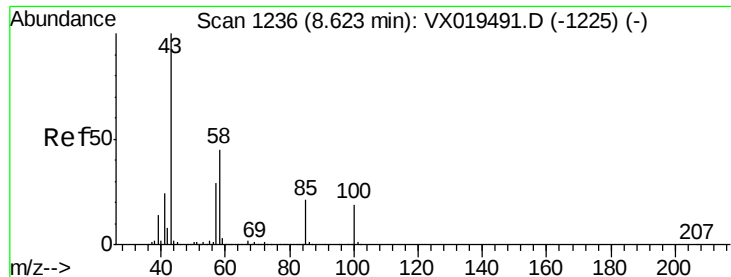
MMDadoda
11/23/2020 9:35:03 AM



#50
Toluene-d8
Concen: 48.997 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 98.728 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 43 Resp: 395532

Ion Ratio Lower Upper

43 100

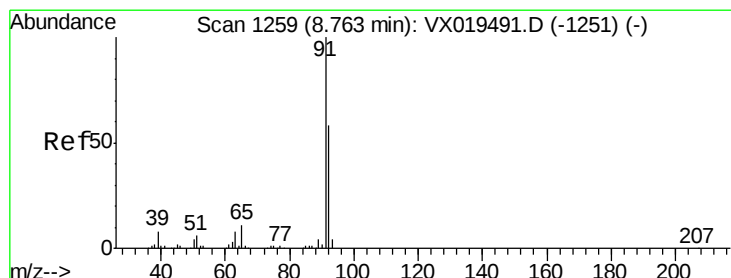
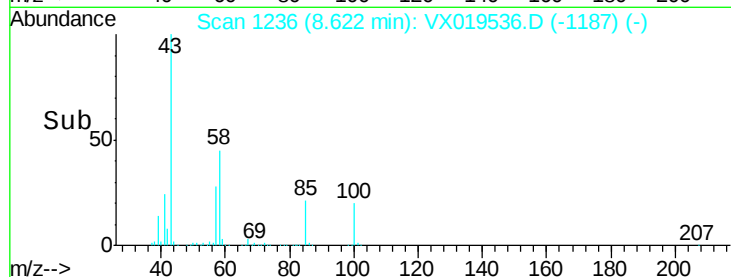
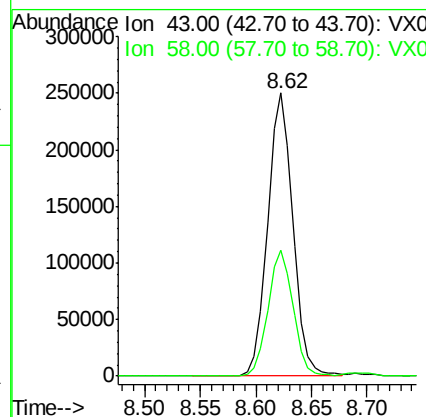
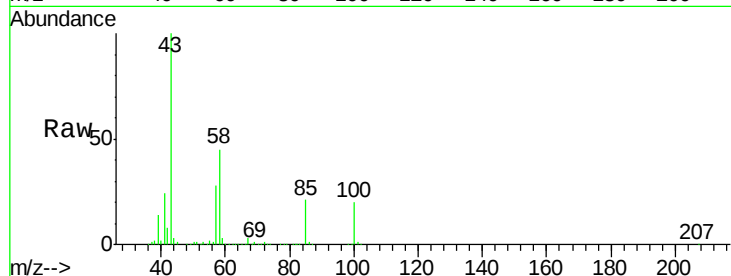
58 44.2 35.1 52.7

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#52

Toluene

Concen: 19.169 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019536.D

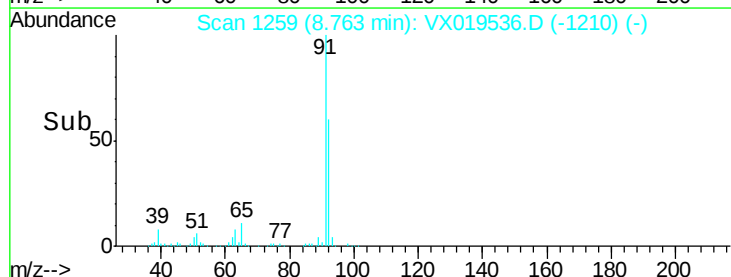
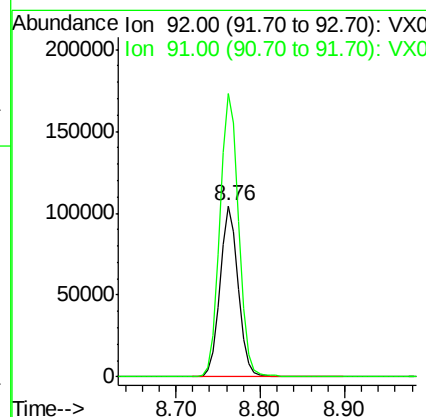
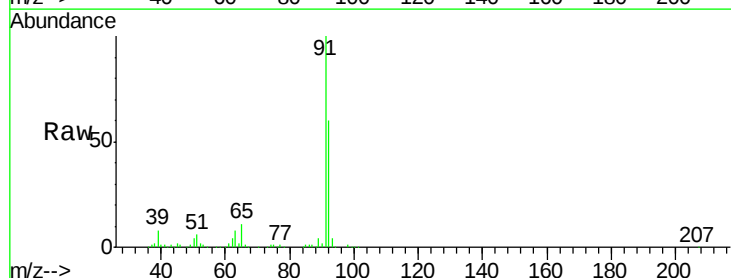
Acq: 21 Nov 2020 09:00

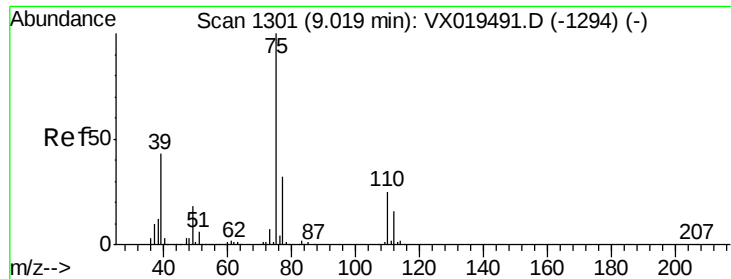
Tgt Ion: 92 Resp: 156854

Ion Ratio Lower Upper

92 100

91 171.3 138.1 207.1





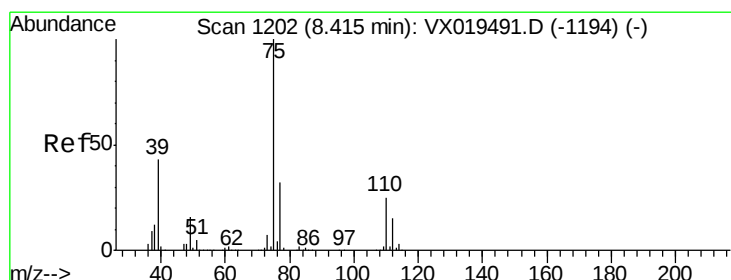
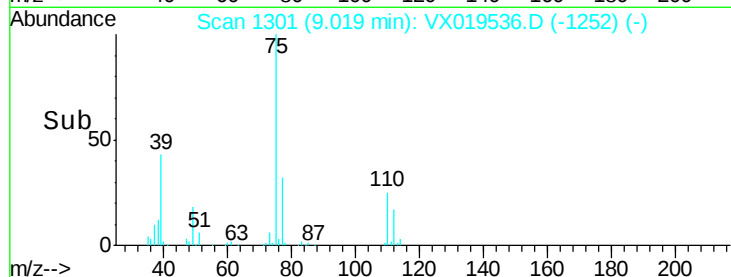
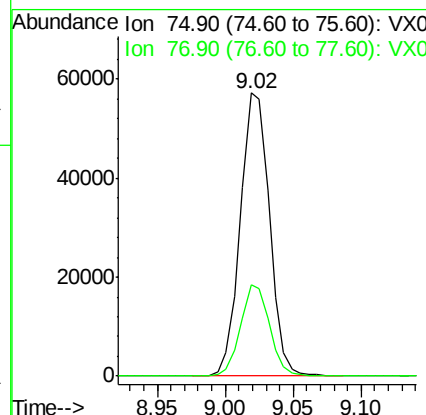
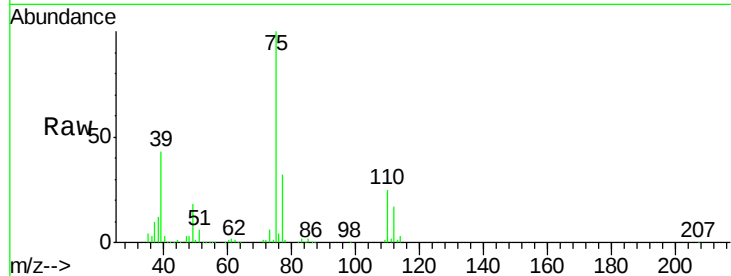
#53
t-1,3-Dichloropropene
Concen: 18.180 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion: 75 Resp: 85867
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9

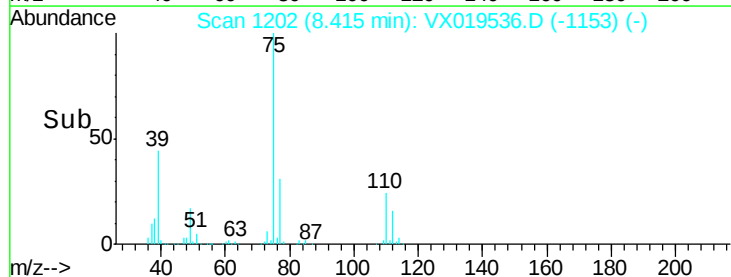
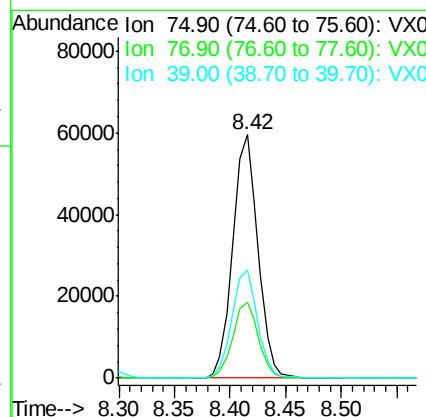
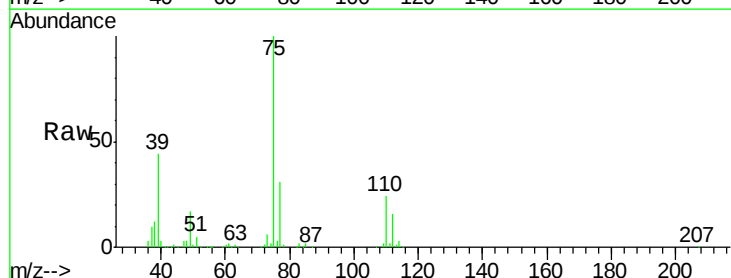
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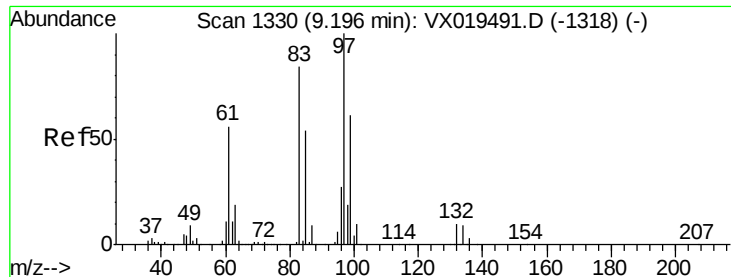
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#54
cis-1,3-Dichloropropene
Concen: 17.786 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Tgt Ion: 75 Resp: 93225
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.6
39 44.1 34.6 51.8





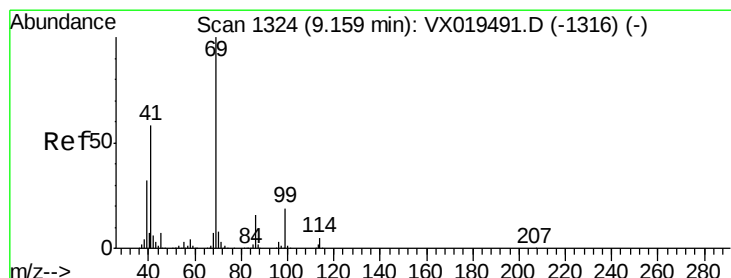
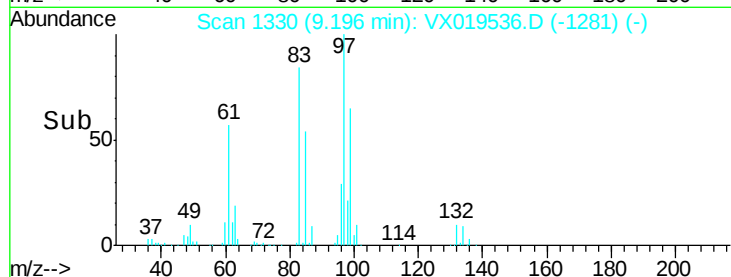
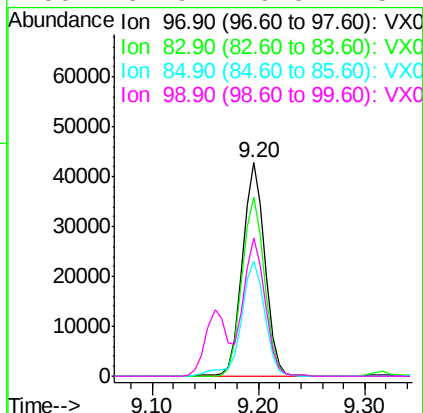
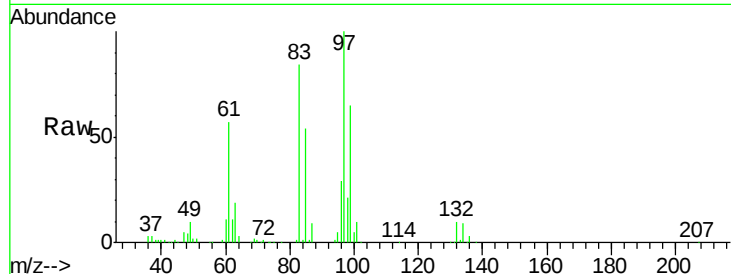
#55
 1,1,2-Trichloroethane
 Concen: 19.102 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019536.D
 Acq: 21 Nov 2020 09:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.0	100.6
85	54.1	43.4	65.0
99	64.9	49.0	73.4

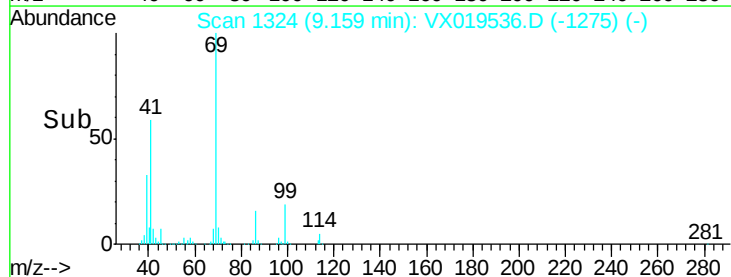
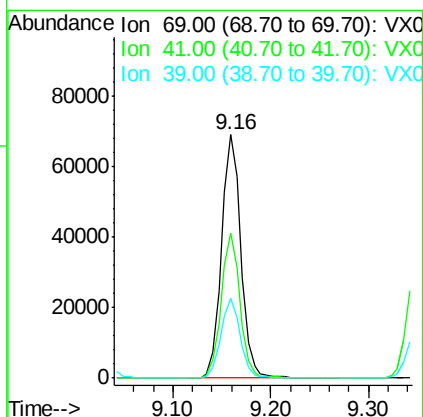
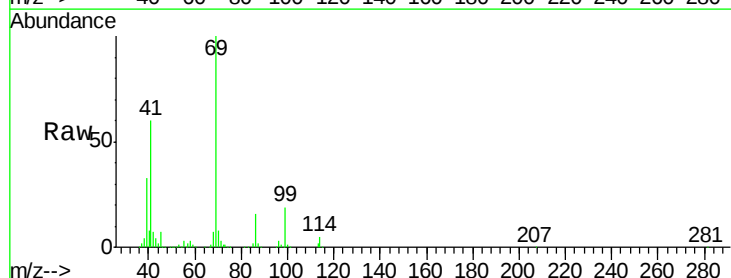
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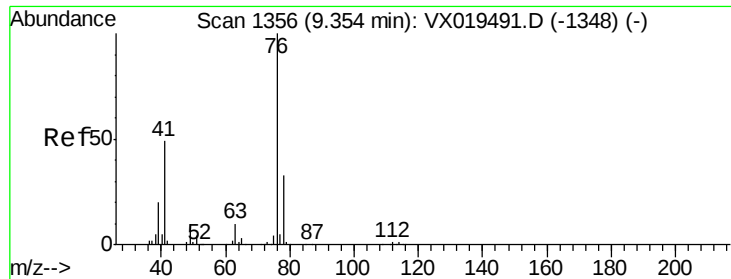
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 11/23/2020 9:35:03 AM



#56
 Ethyl methacrylate
 Concen: 20.072 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019536.D
 Acq: 21 Nov 2020 09:00

Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.4	46.2	69.2
39	33.0	25.5	38.3





#57

1,3-Dichloropropane

Concen: 19.161 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 76 Resp: 106906

Ion Ratio Lower Upper

76 100

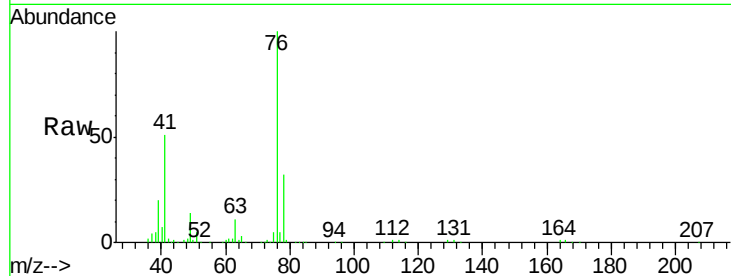
78 32.1 25.7 38.5

Manual Integrations

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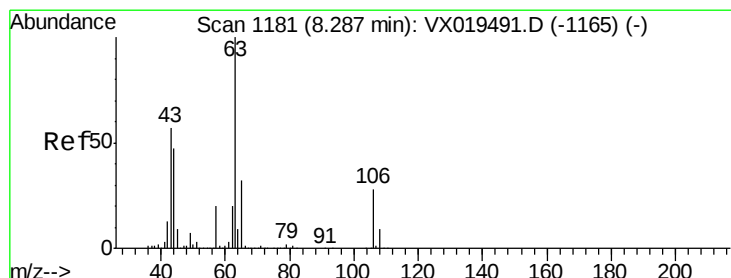
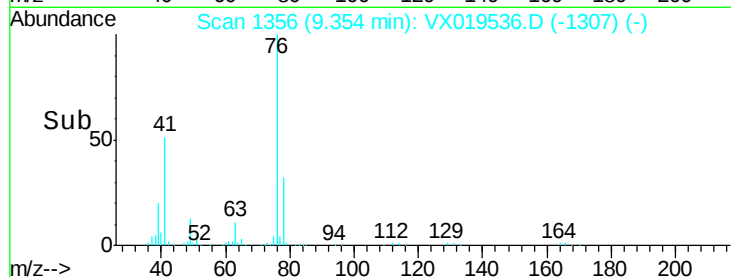
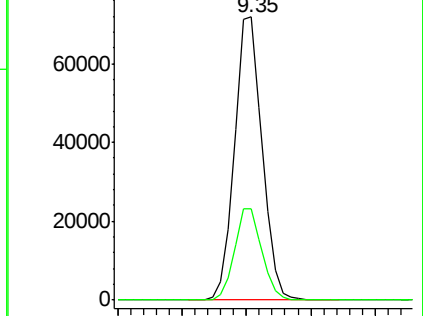
MMDadoda

11/23/2020 9:35:03 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 89.944 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019536.D

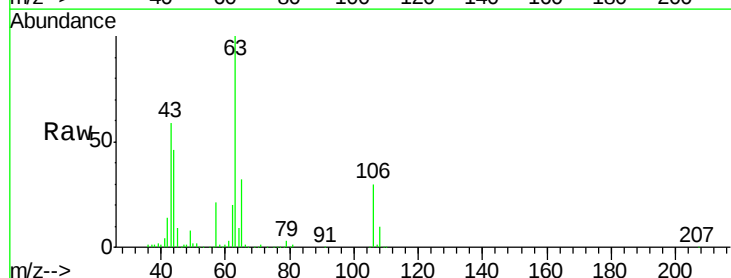
Acq: 21 Nov 2020 09:00

Tgt Ion: 63 Resp: 248527

Ion Ratio Lower Upper

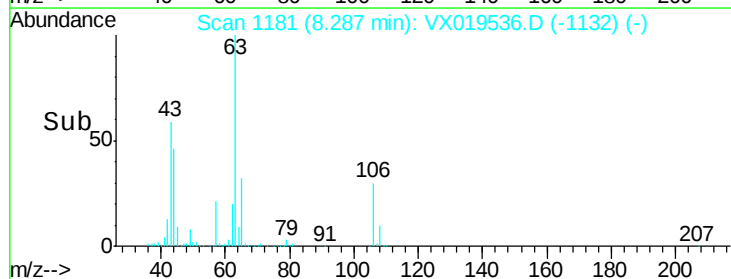
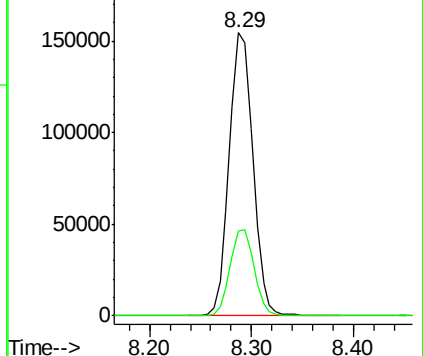
63 100

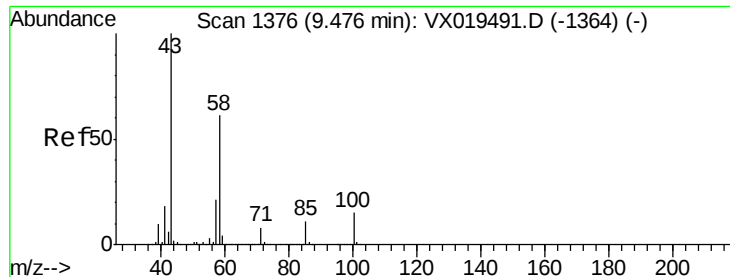
106 30.8 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





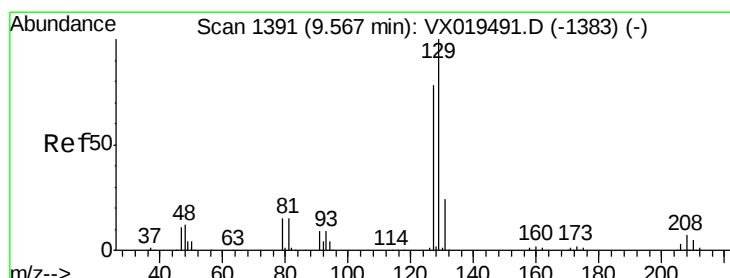
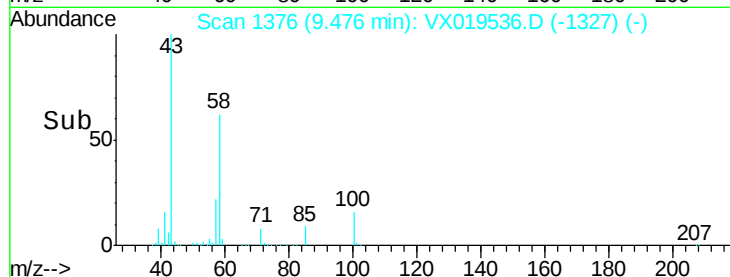
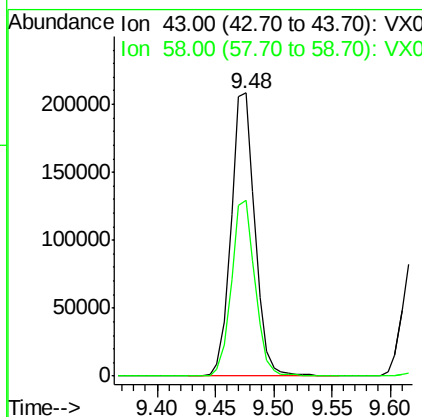
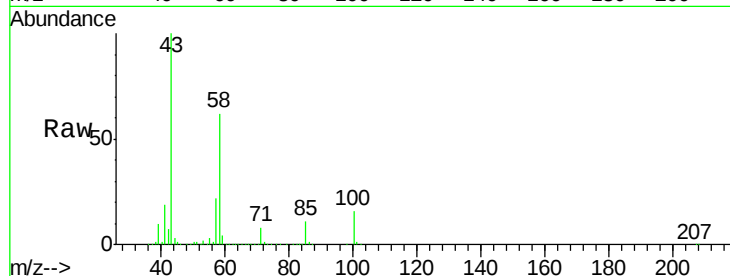
#59
2-Hexanone
Concen: 97.723 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.7	30.6	91.6

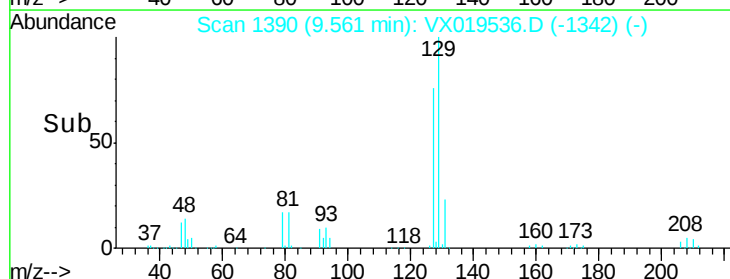
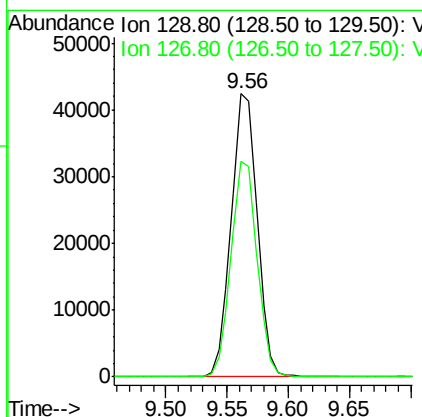
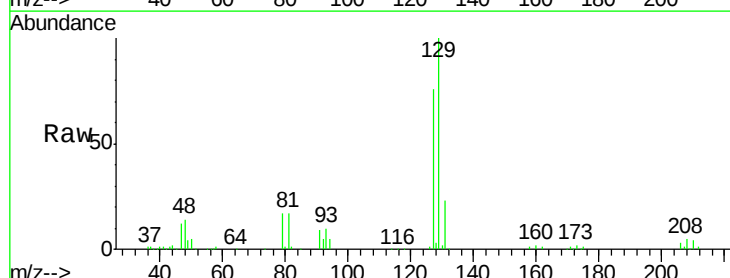
Manual Integrations
APPROVED

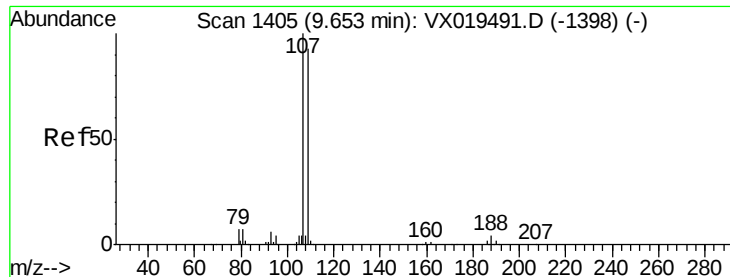
MMDadoda
11/23/2020 9:35:03 AM



#60
Dibromochloromethane
Concen: 19.116 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.2	39.0	116.9





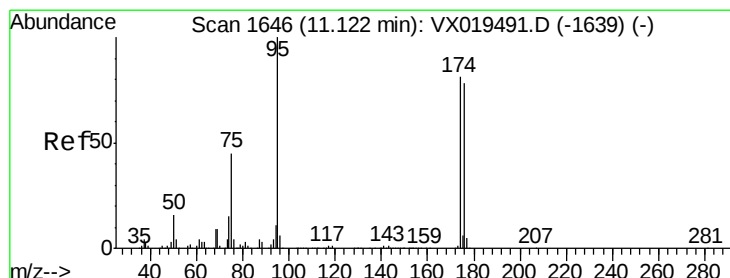
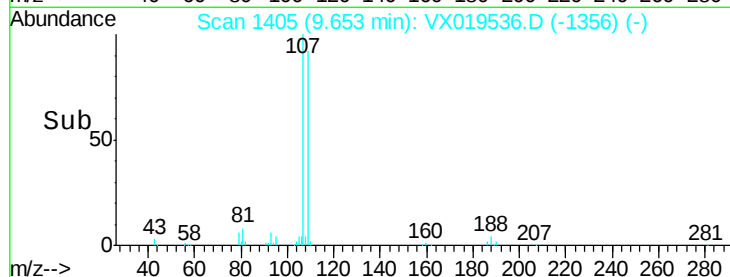
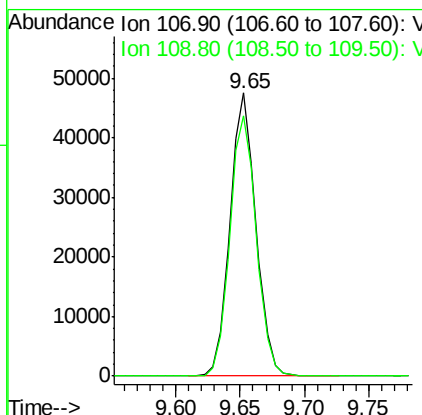
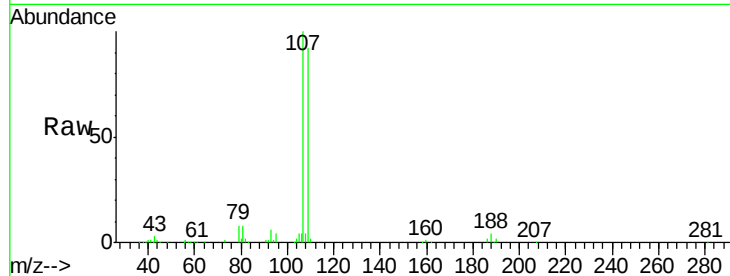
#61
 1,2-Dibromoethane
 Concen: 19.448 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019536.D
 Acq: 21 Nov 2020 09:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	74.8	112.2

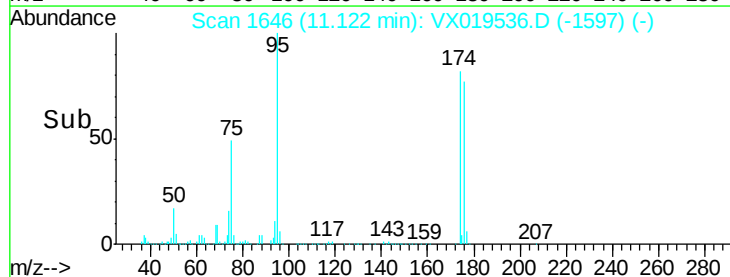
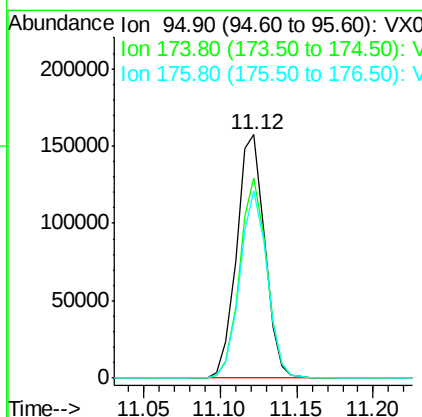
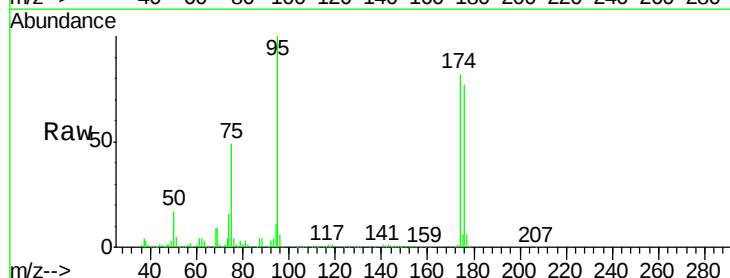
Manual Integrations
 APPROVED

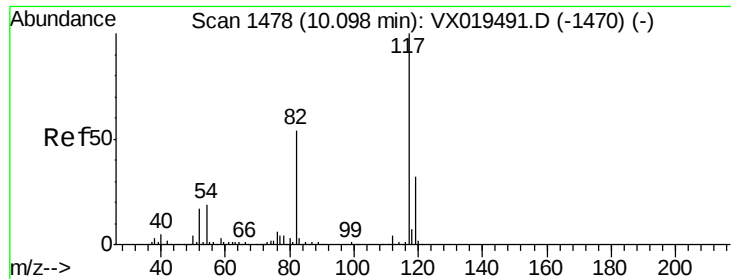
MMDadoda
 11/23/2020 9:35:03 AM



#62
 4-Bromofluorobenzene
 Concen: 49.232 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019536.D
 Acq: 21 Nov 2020 09:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	156.2
176	74.7	0.0	151.4





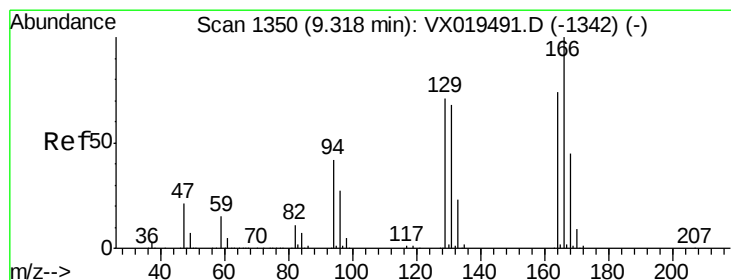
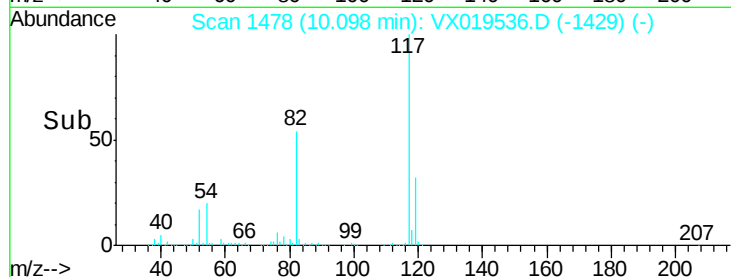
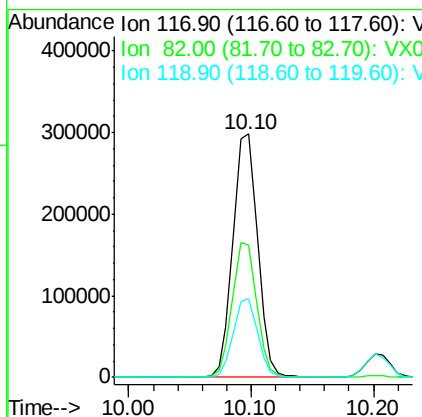
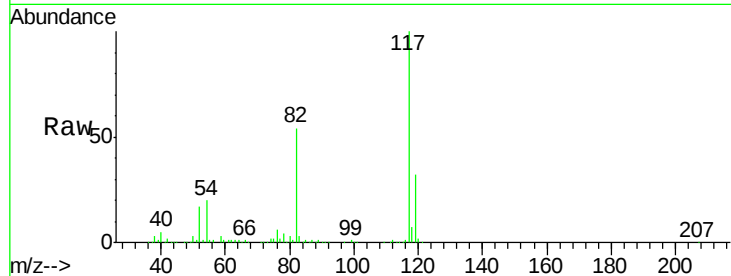
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	417139		
82	54.3	43.0	64.4	
119	32.3	25.6	38.4	

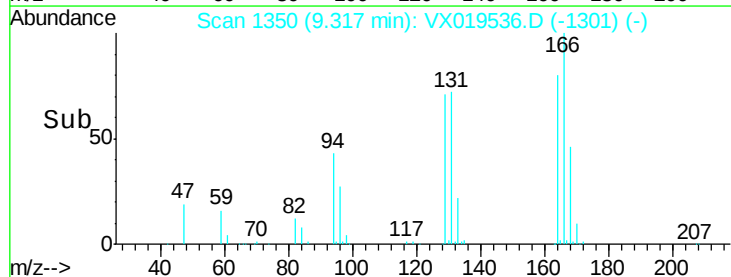
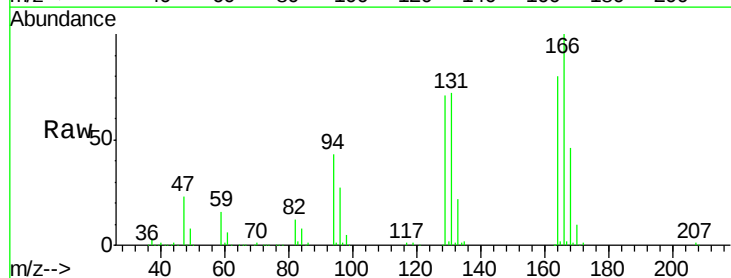
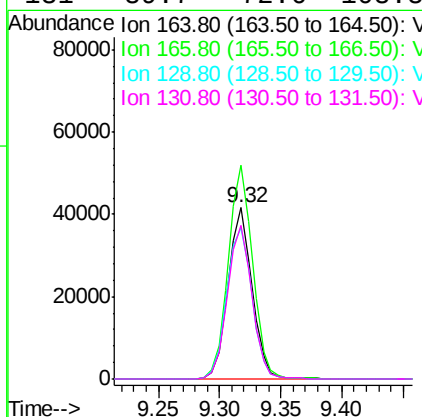
Manual Integrations
APPROVED

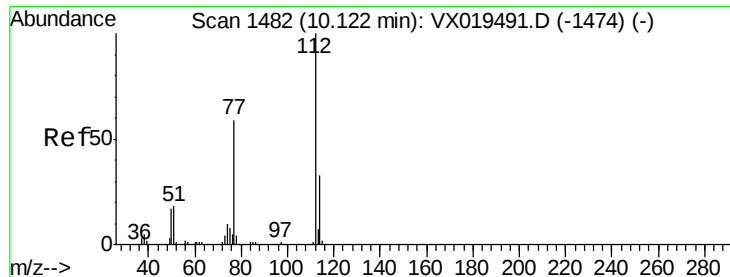
MMDadoda
11/23/2020 9:35:03 AM



#64
Tetrachloroethene
Concen: 17.145 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56218		
166	124.7	107.4	161.0	
129	88.4	76.6	114.8	
131	89.7	72.6	108.8	





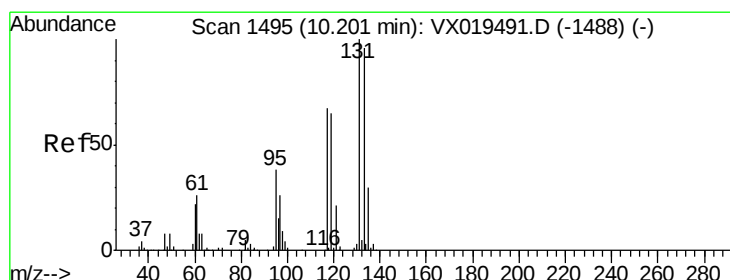
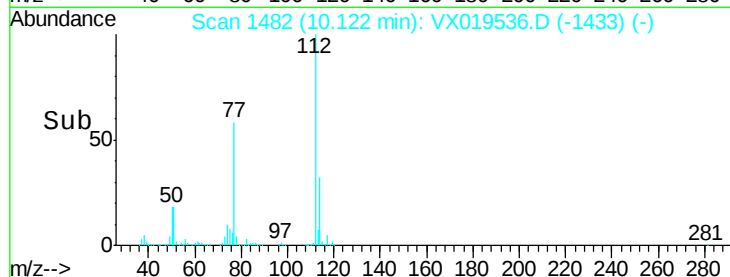
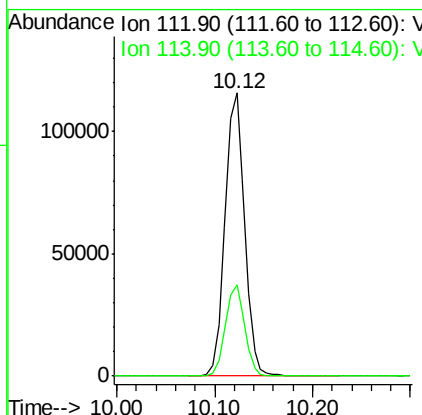
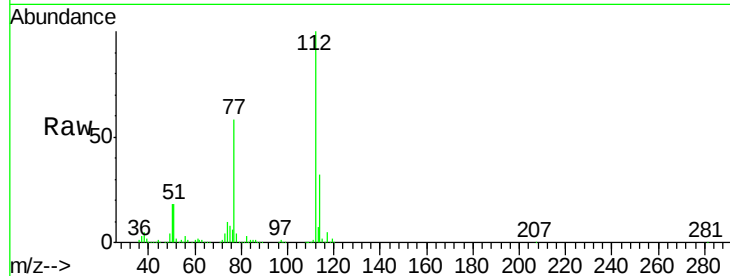
#65
Chlorobenzene
Concen: 18.744 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion:112 Resp: 160756
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0

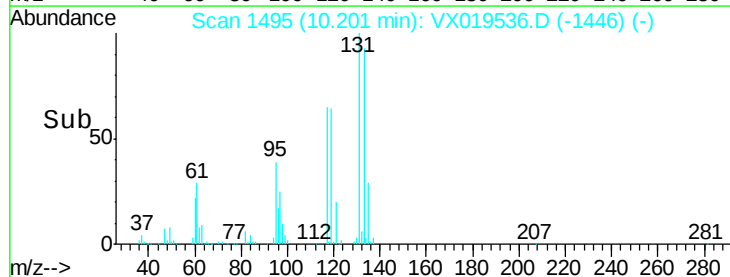
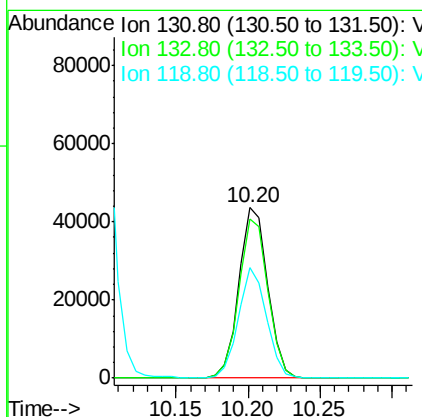
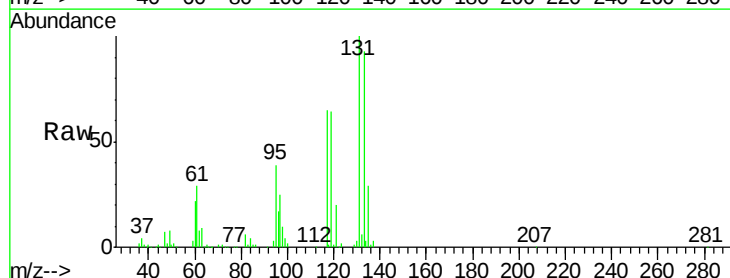
Manual Integrations
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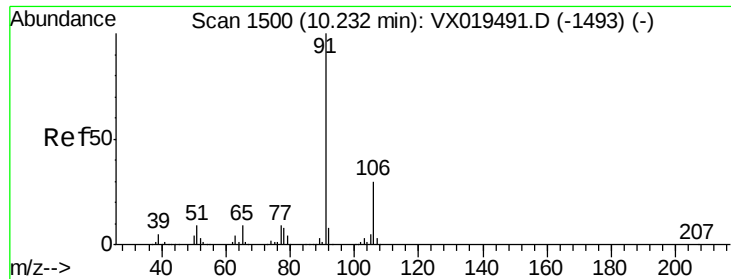
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.443 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Tgt Ion:131 Resp: 60655
Ion Ratio Lower Upper
131 100
133 94.0 48.5 145.5
119 63.5 33.0 99.0





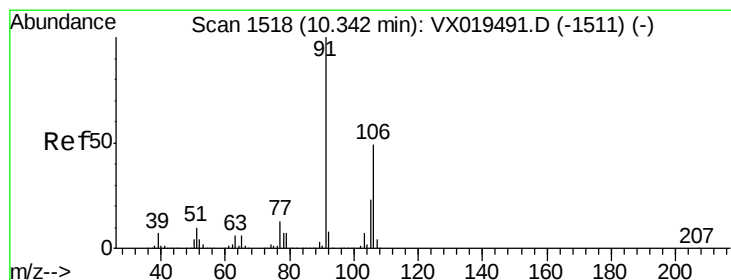
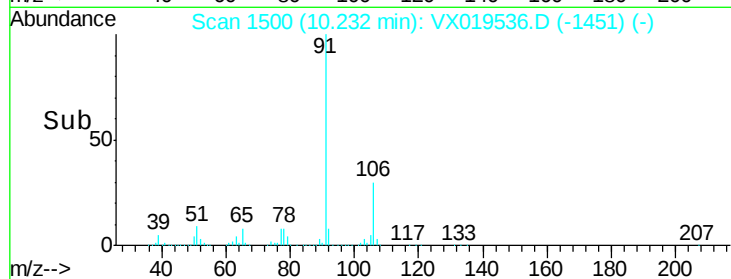
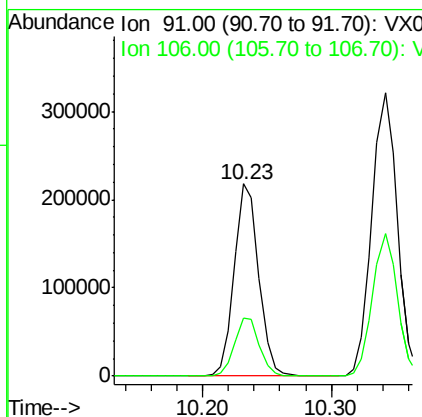
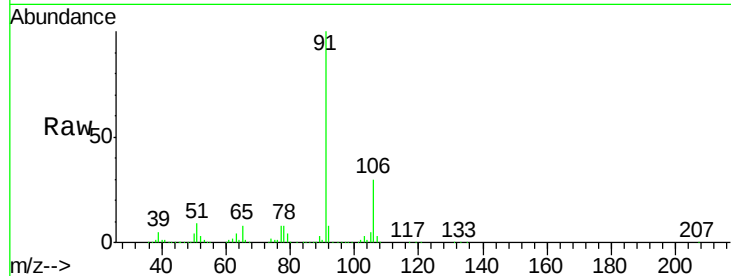
#67
Ethyl Benzene
Concen: 19.268 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		289487		
106	30.4	24.0	36.0		

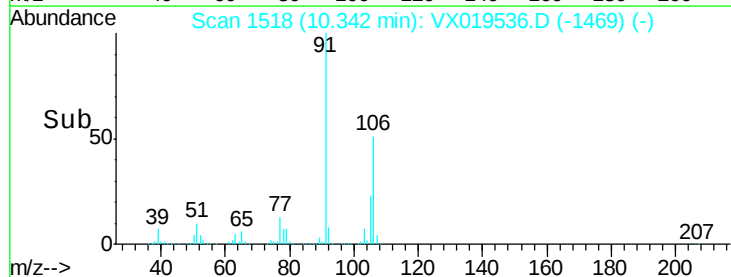
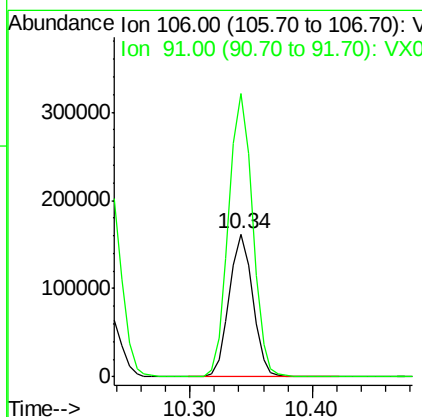
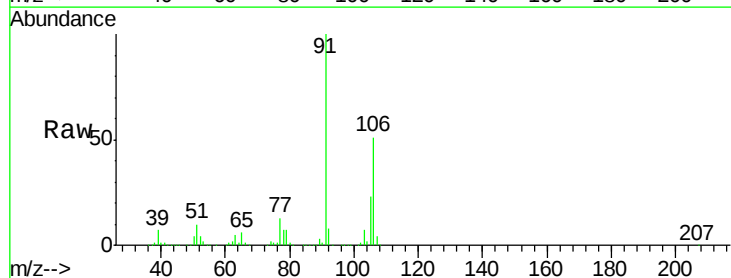
Manual Integrations
APPROVED

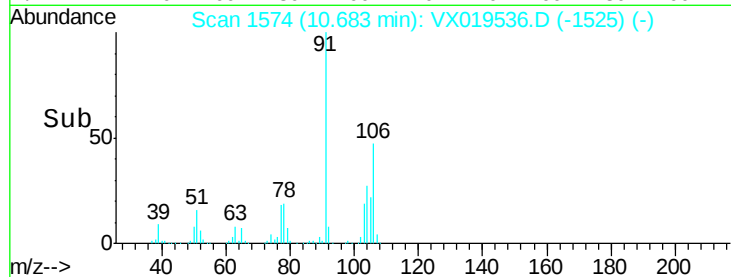
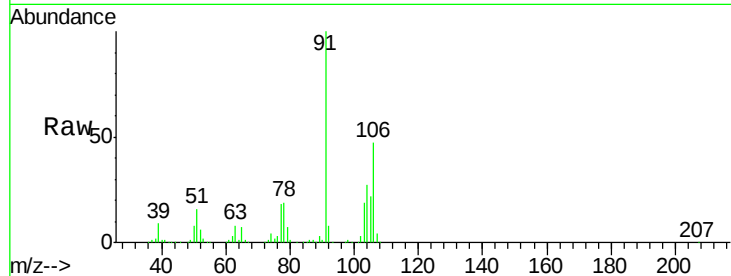
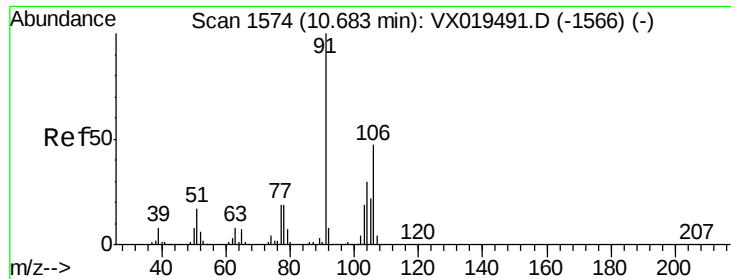
MMDadoda
11/23/2020 9:35:03 AM



#68
m/p-Xylenes
Concen: 38.741 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		216857		
91	201.7	163.3	244.9		





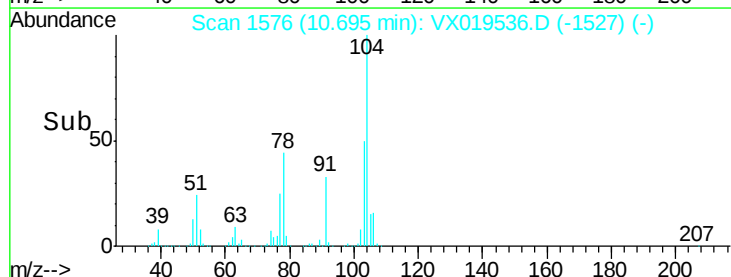
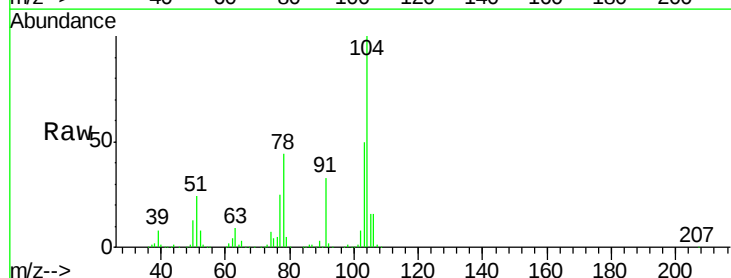
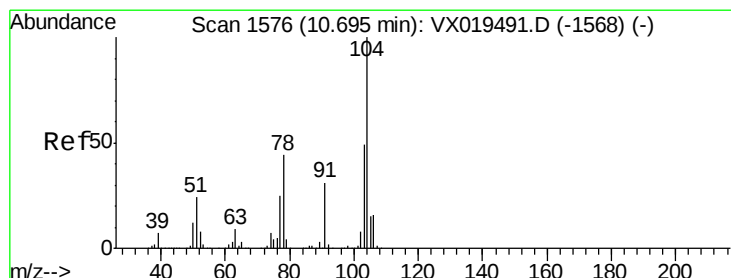
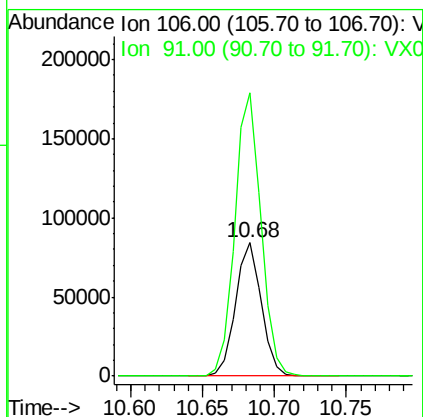
#69
o-Xylene
Concen: 19.792 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	105903		
91	91	214.6	108.0	324.0	

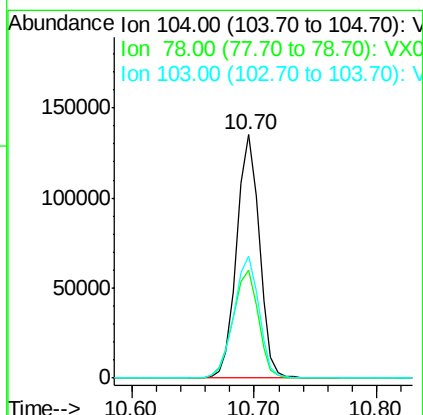
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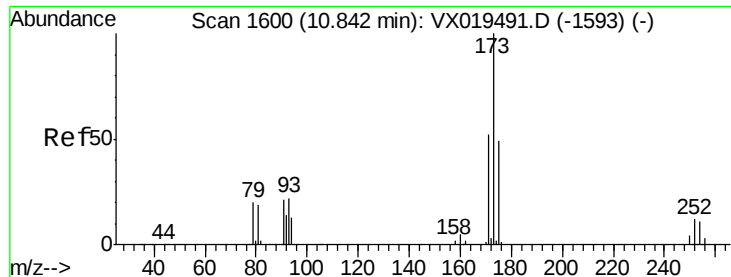
MMDadoda
11/23/2020 9:35:03 AM



#70
Styrene
Concen: 18.543 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	173064		
78	78	50.1	39.5	59.3	
103	103	55.0	43.6	65.4	





#71

Bromoform

Concen: 18.779 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion:173 Resp: 43220

Ion Ratio Lower Upper

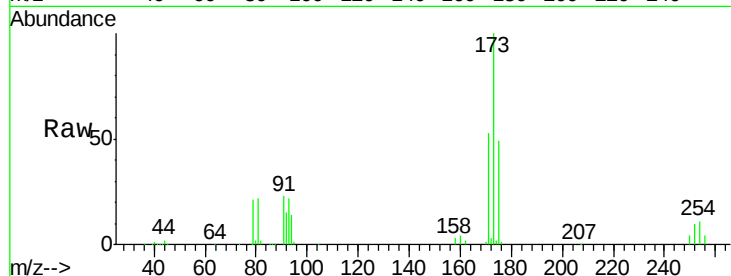
173 100

175 47.6 24.9 74.8

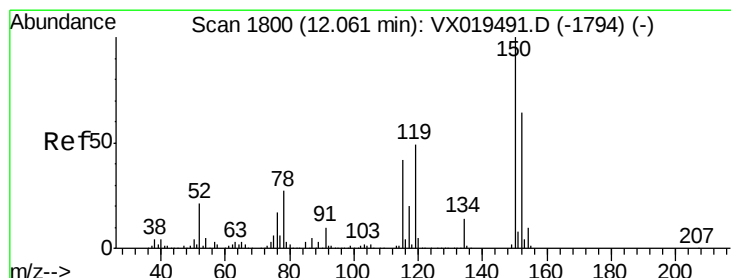
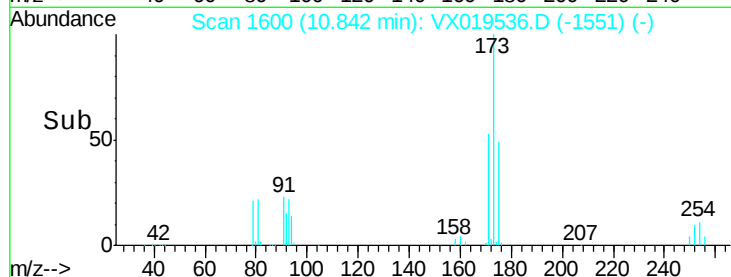
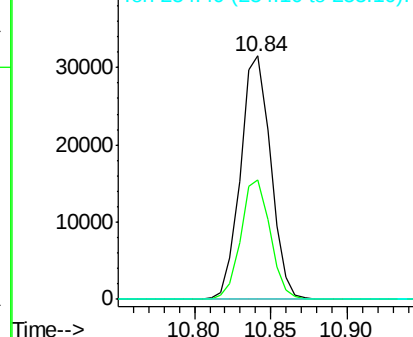
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

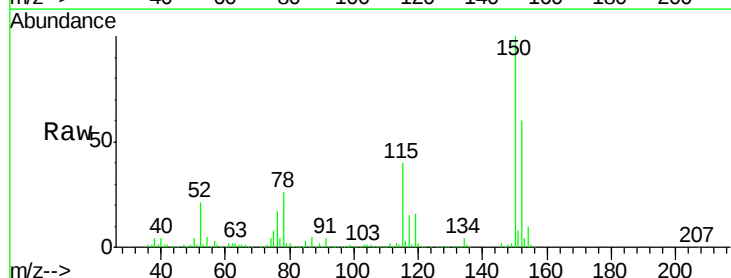
Tgt Ion:152 Resp: 194324

Ion Ratio Lower Upper

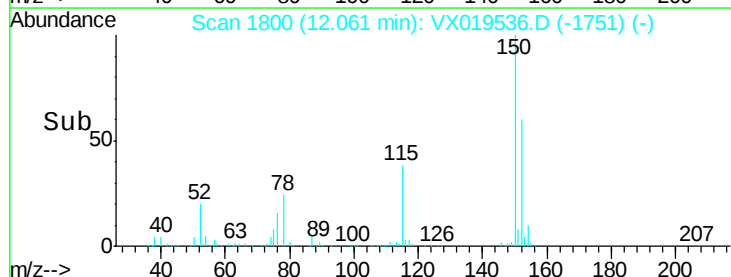
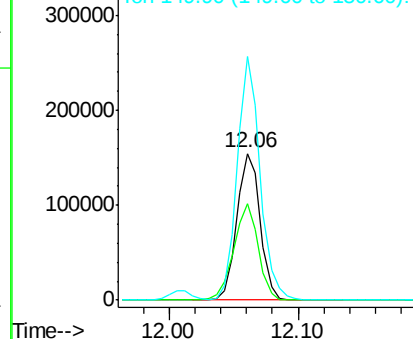
152 100

115 69.1 41.8 125.4

150 164.1 0.0 348.2



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: 20.655 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 105 Resp: 277659

Ion Ratio Lower Upper

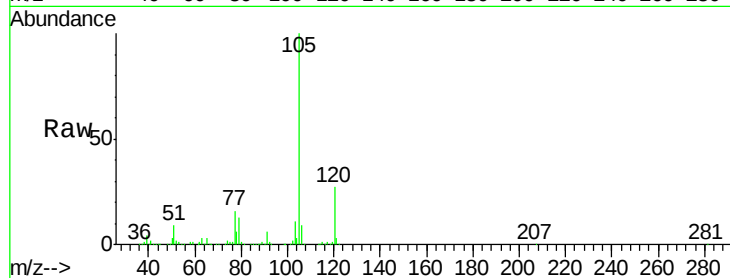
105 100

120 26.5 13.0 39.0

Manual Integrations
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MMDadoda

11/23/2020 9:35:03 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

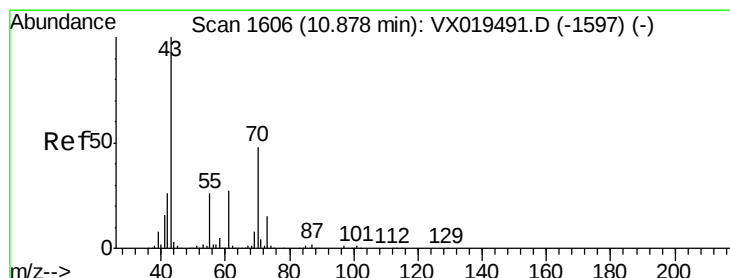
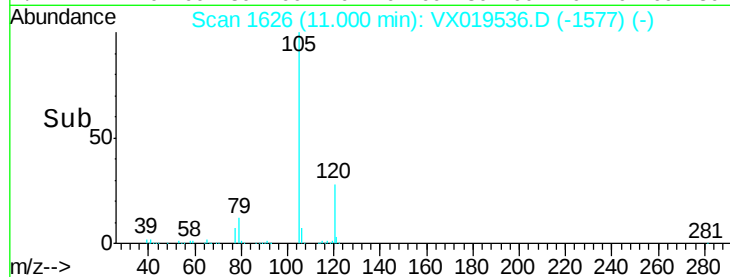
0

11.00

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 21.784 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Tgt Ion: 43 Resp: 109732

Ion Ratio Lower Upper

43 100

70 49.8 39.7 59.5

55 26.2 21.8 32.6

61 27.8 22.2 33.4

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

50000

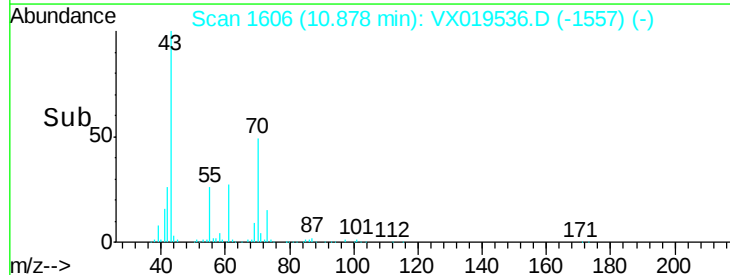
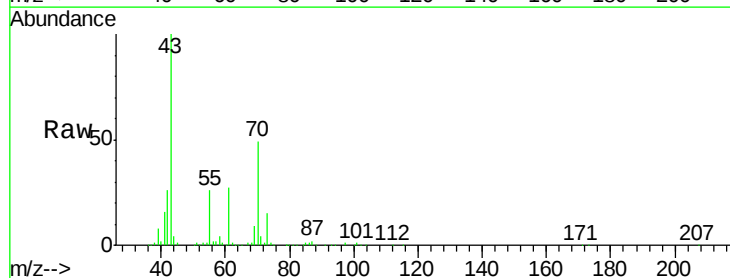
0

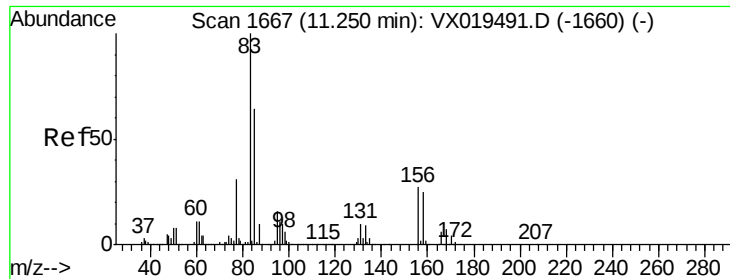
10.88

10.88

10.95

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.062 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

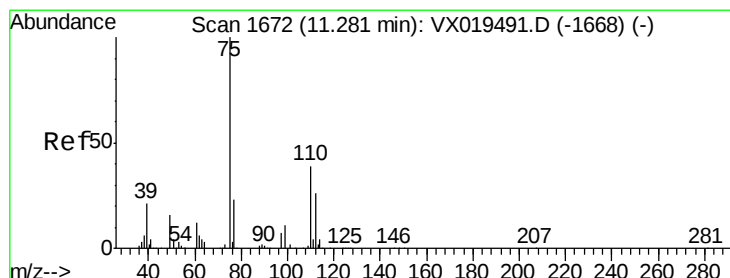
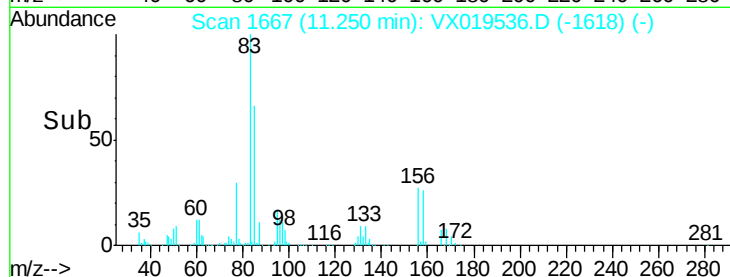
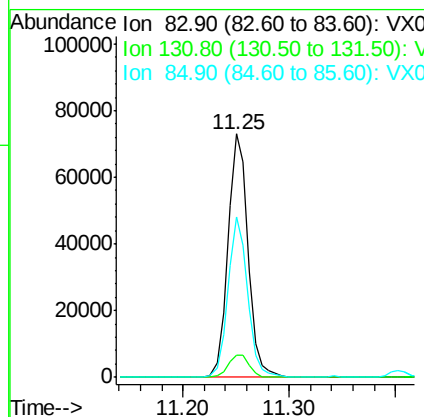
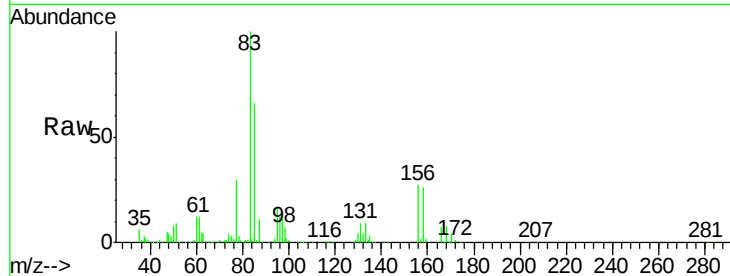
ClientSampleId :

VX1121MBS01

Tot Ion:	83	Resp:	96443
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	15.0
85	64.5	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 20.005 ug/l m

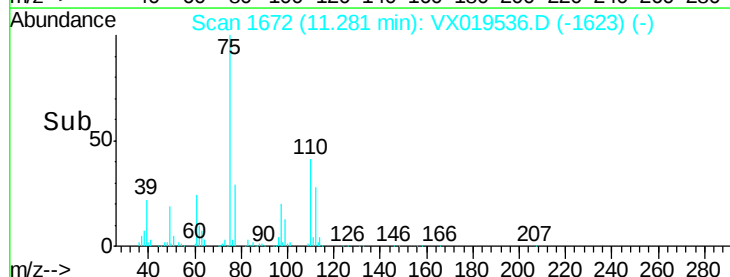
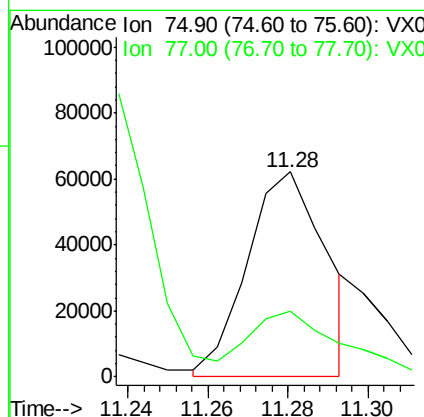
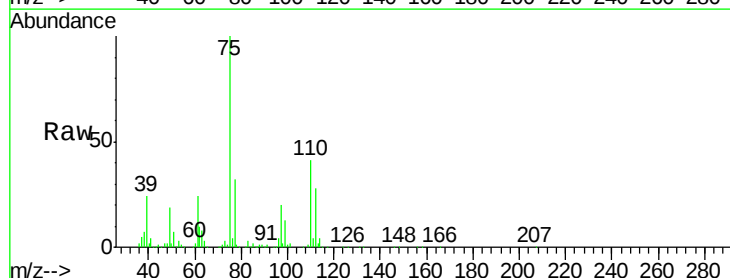
RT: 11.28 min Scan# 1672

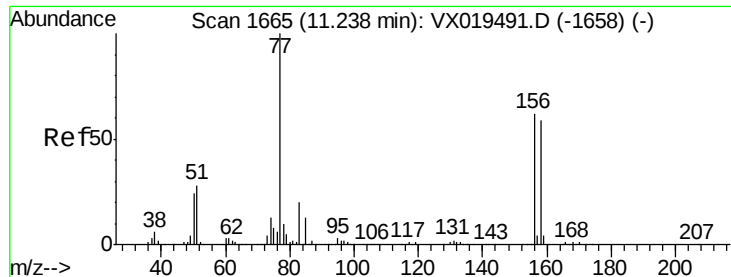
Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Tgt Ion:	75	Resp:	84838
Ion Ratio	Lower	Upper	
75	100		
77	38.0	20.0	60.0





#77

Bromobenzene

Concen: 20.256 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

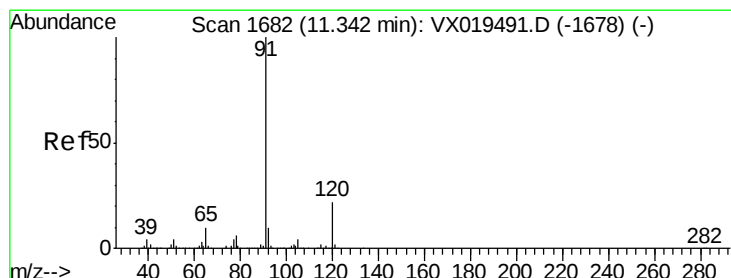
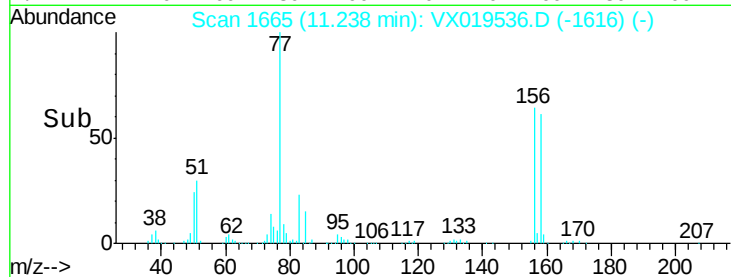
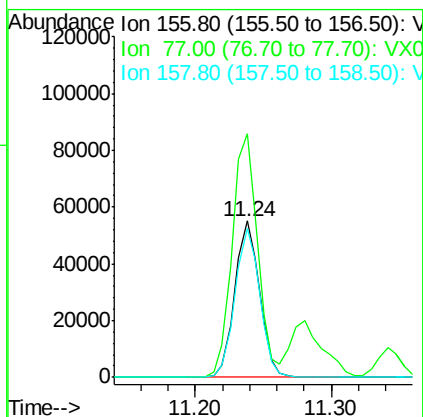
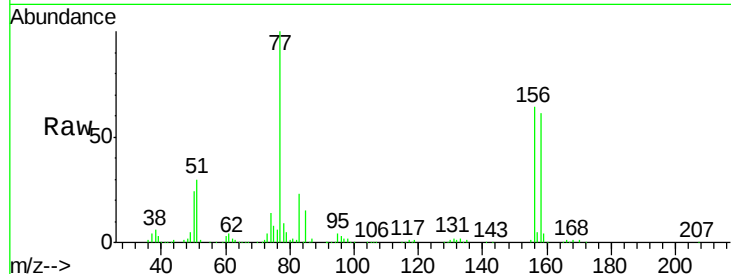
ClientSampleId :

VX1121MBS01

Tot Ion:	156	Resp:	69514
Ion Ratio	Lower	Upper	
156	100		
77	161.1	82.5	247.3
158	95.6	48.9	146.7

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#78

n-propylbenzene

Concen: 19.739 ug/l

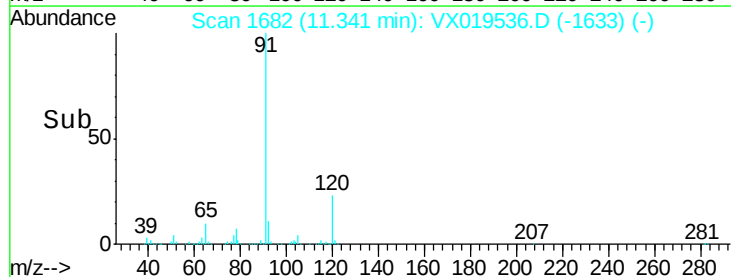
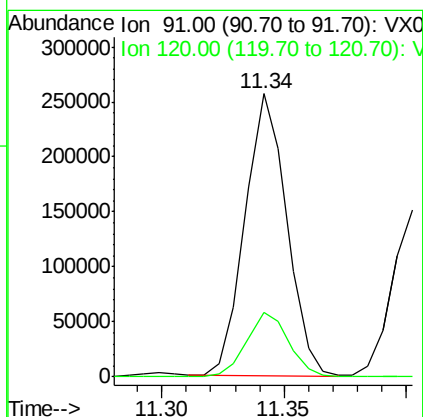
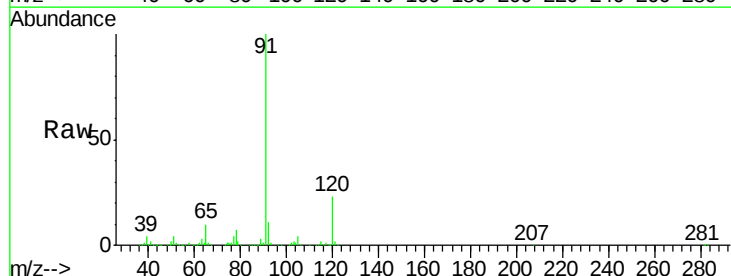
RT: 11.34 min Scan# 1682

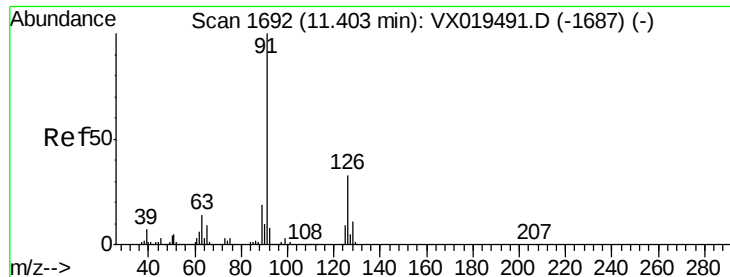
Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Tgt Ion:	91	Resp:	304407
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





#79

2-Chlorotoluene

Concen: 20.366 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 91 Resp: 190474

Ion Ratio Lower Upper

91 100

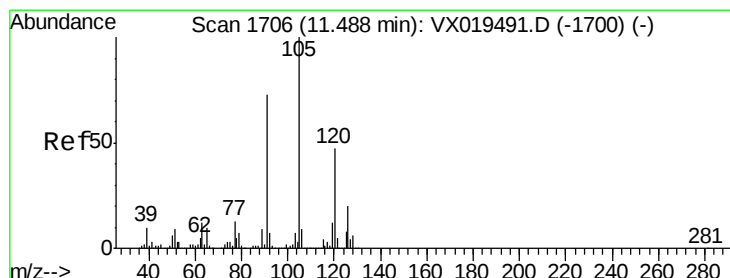
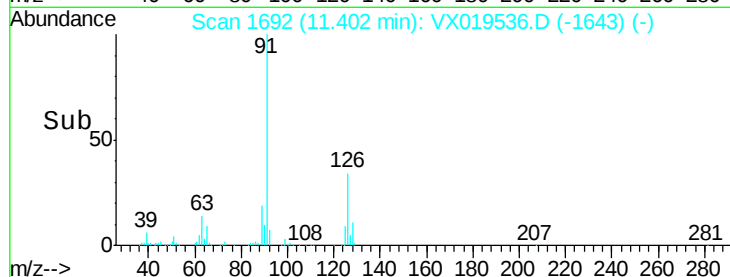
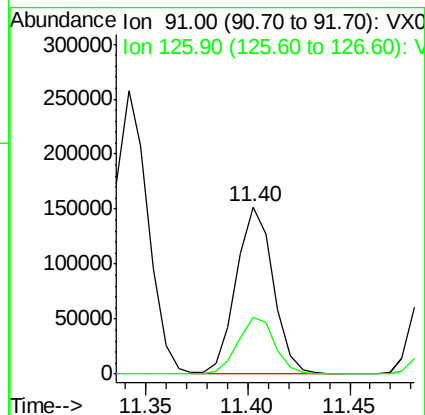
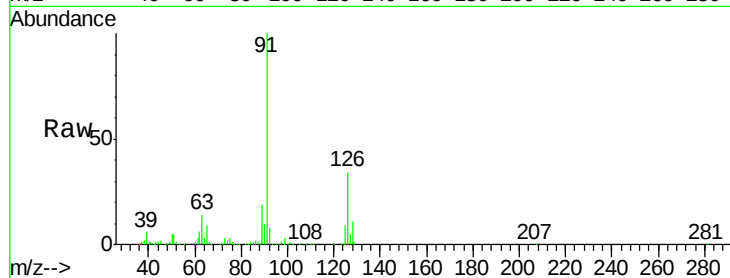
126 33.7 16.7 50.0

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#80

1,3,5-Trimethylbenzene

Concen: 20.310 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019536.D

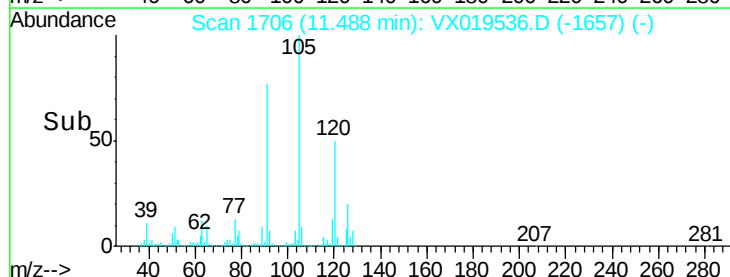
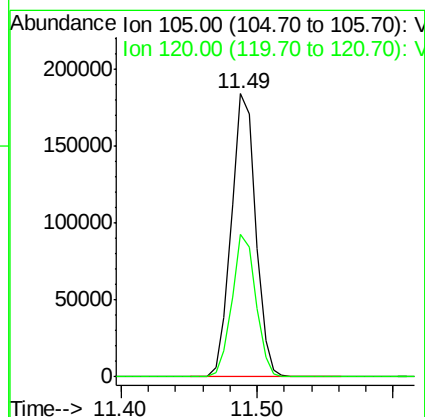
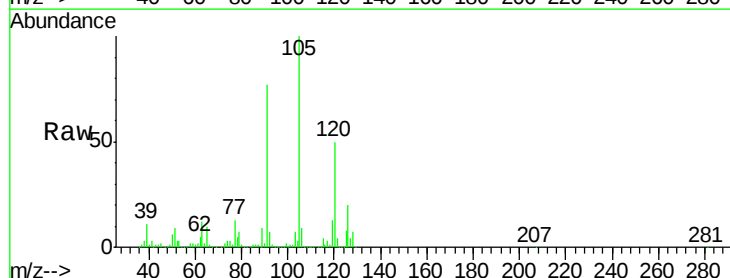
Acq: 21 Nov 2020 09:00

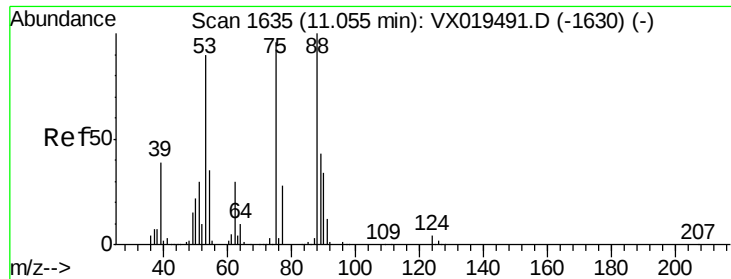
Tgt Ion: 105 Resp: 229033

Ion Ratio Lower Upper

105 100

120 49.4 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.458 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

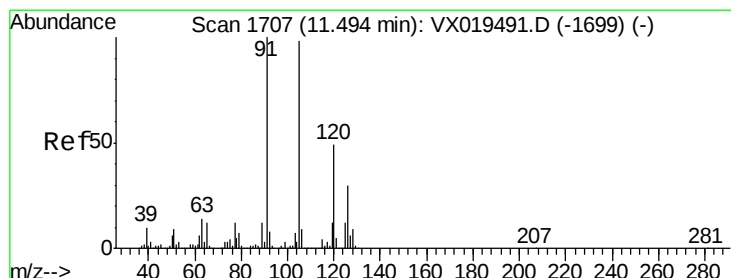
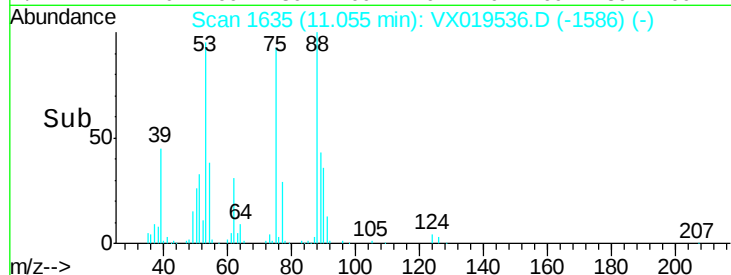
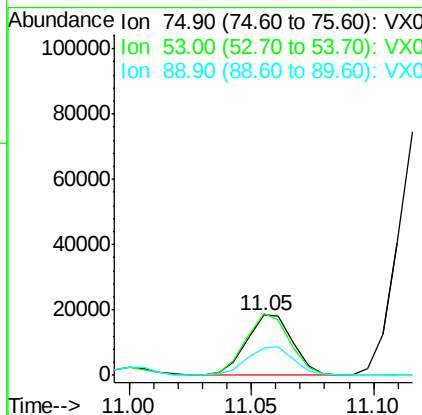
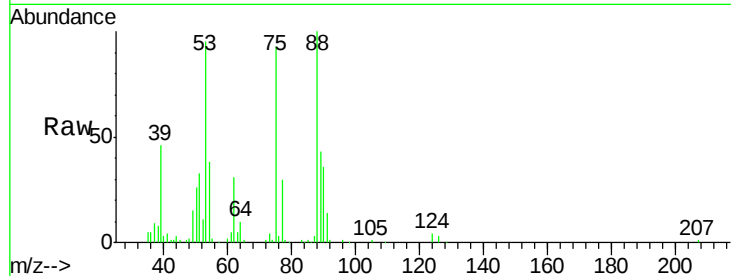
ClientSampleId :

VX1121MBS01

Tot Ion:	75	Resp:	24400
Ion Ratio	Lower	Upper	
75	100		
53	98.0	73.9	110.9
89	47.5	37.3	55.9

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#82

4-Chlorotoluene

Concen: 19.893 ug/l

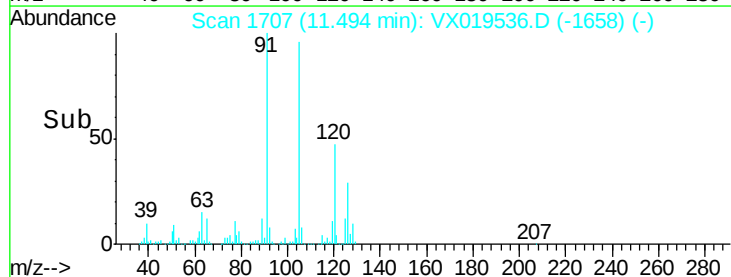
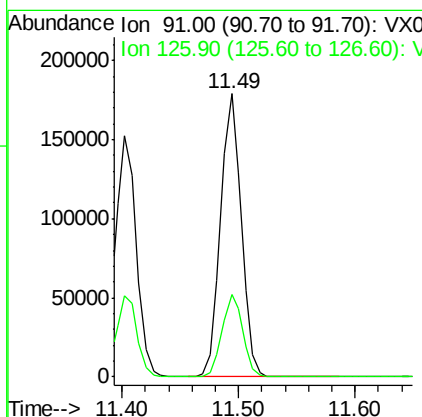
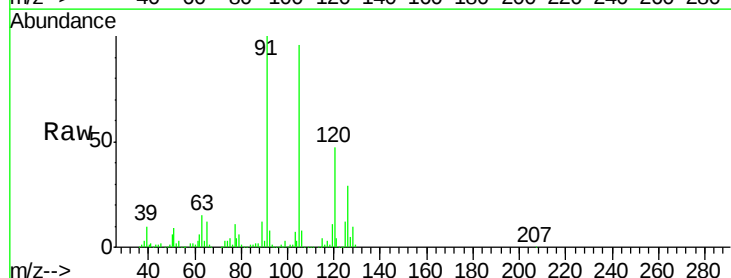
RT: 11.49 min Scan# 1707

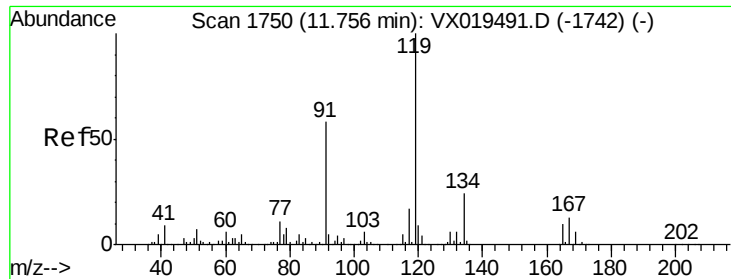
Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Tgt Ion:	91	Resp:	219026
Ion Ratio	Lower	Upper	
91	100		
126	29.3	14.9	44.7





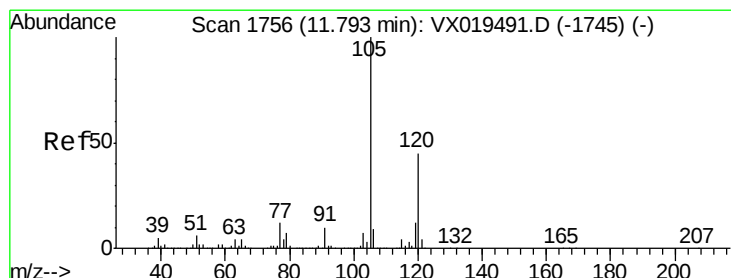
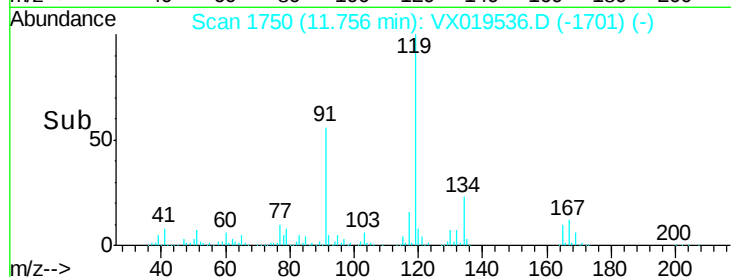
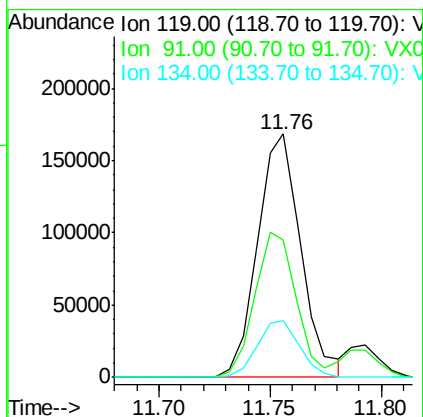
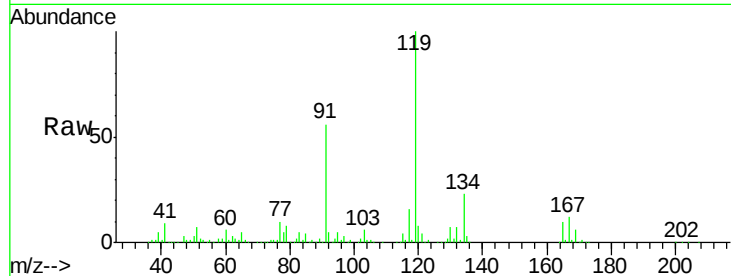
#83
tert-Butylbenzene
Concen: 20.901 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	228033		
91	57.1		28.9	86.8
134	22.9		11.7	35.0

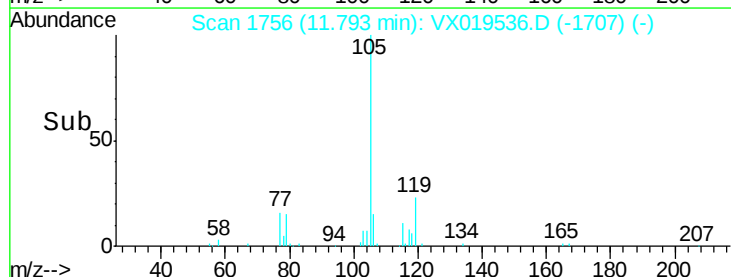
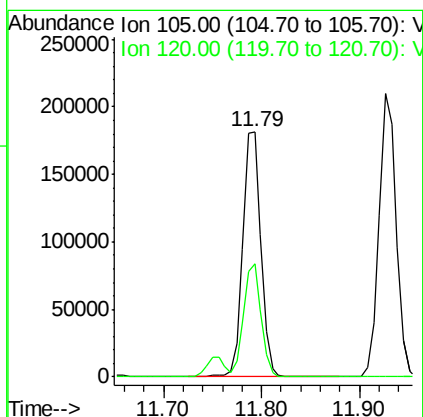
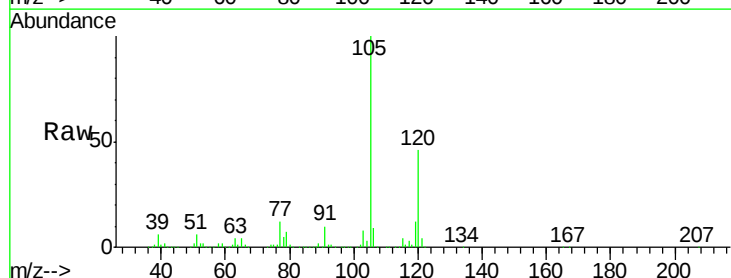
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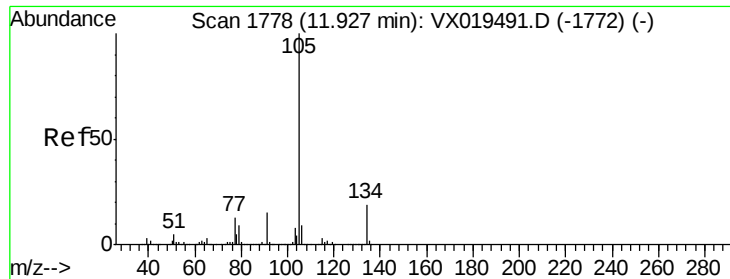
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#84
1,2,4-Trimethylbenzene
Concen: 20.466 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	233519		
120	44.4		22.2	66.6





#85

sec-Butylbenzene

Concen: 19.562 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion:105 Resp: 253893

Ion Ratio Lower Upper

105 100

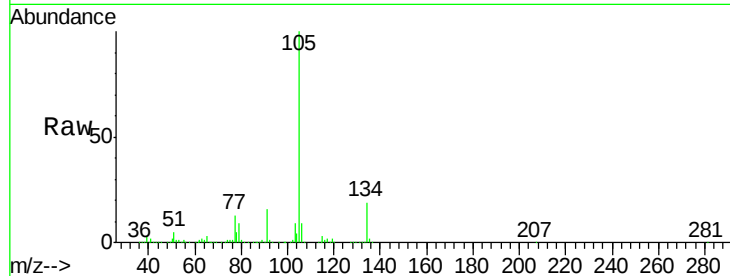
134 20.0 10.1 30.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

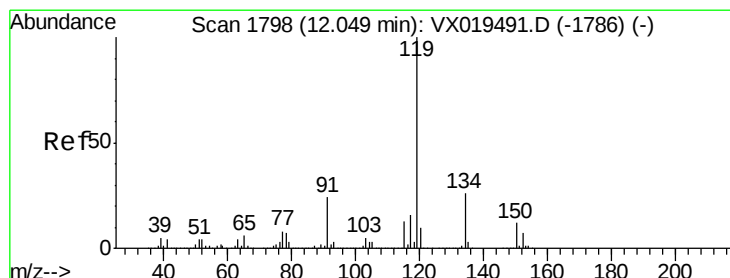
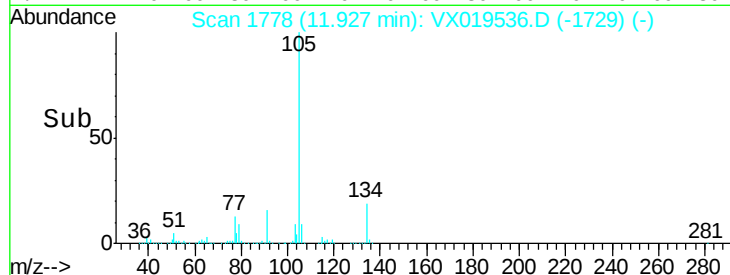
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.338 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

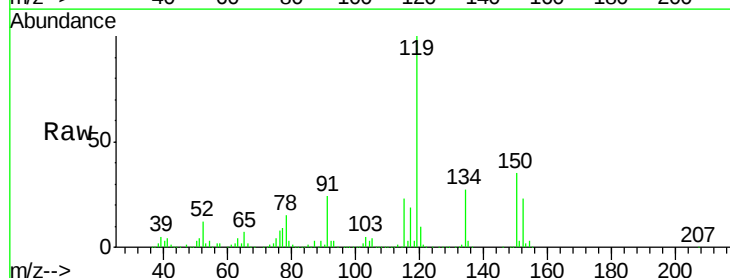
Tgt Ion:119 Resp: 227879

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.3 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

100000

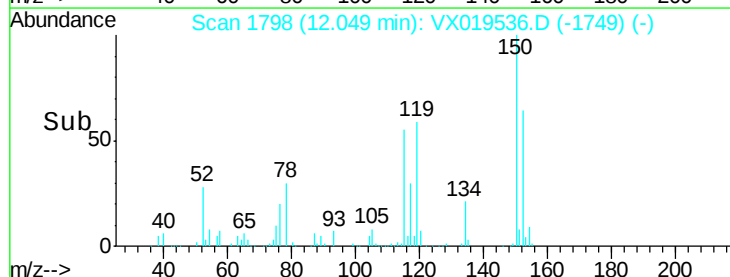
50000

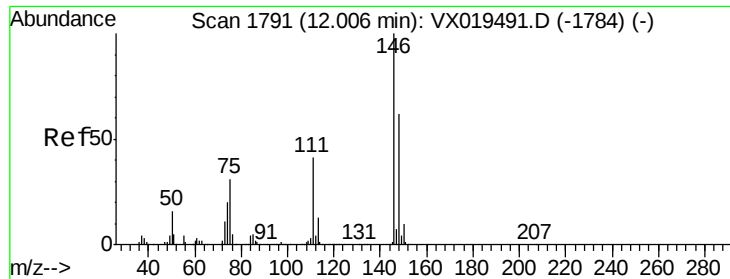
0

12.00

12.10

Time-->





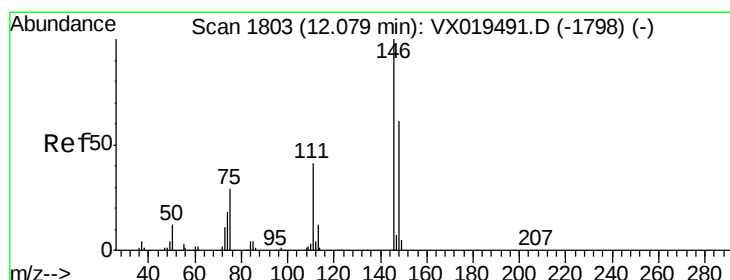
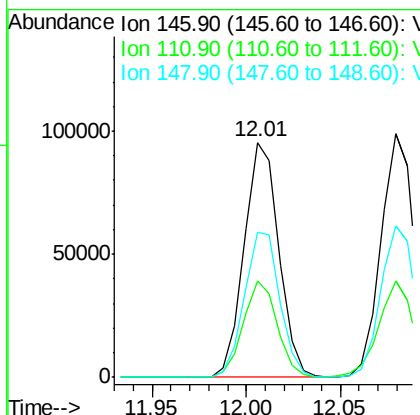
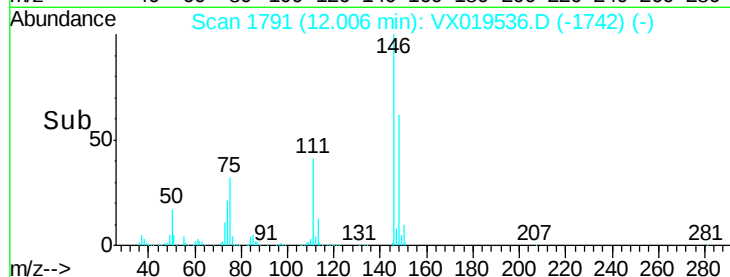
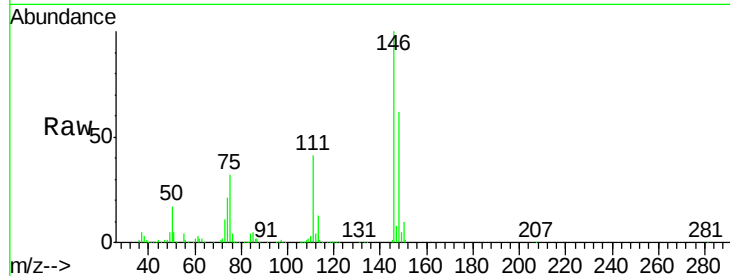
#87
 1,3-Dichlorobenzene
 Concen: 19.320 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019536.D
 Acq: 21 Nov 2020 09:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.6
148	63.3	31.4	94.2

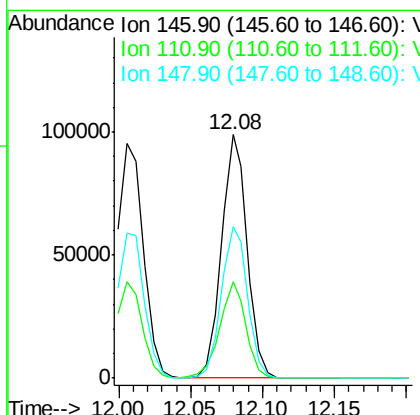
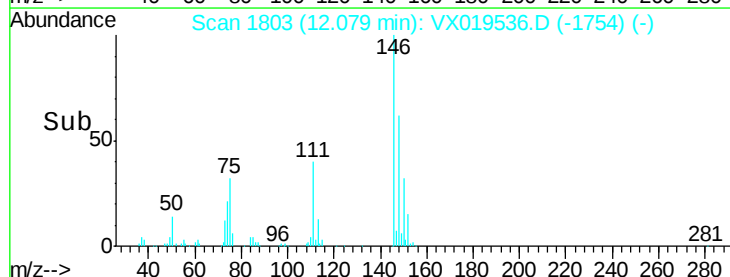
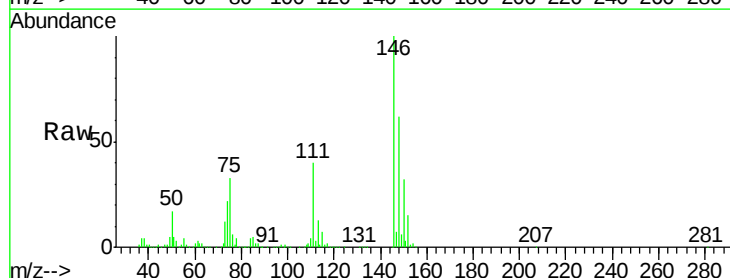
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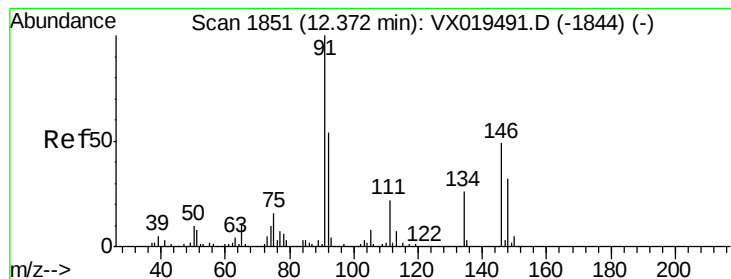
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#88
 1,4-Dichlorobenzene
 Concen: 18.919 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019536.D
 Acq: 21 Nov 2020 09:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.9	59.6
148	64.3	31.7	95.1





#89

n-Butylbenzene

Concen: 17.842 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Instrument :

MSVOA_X

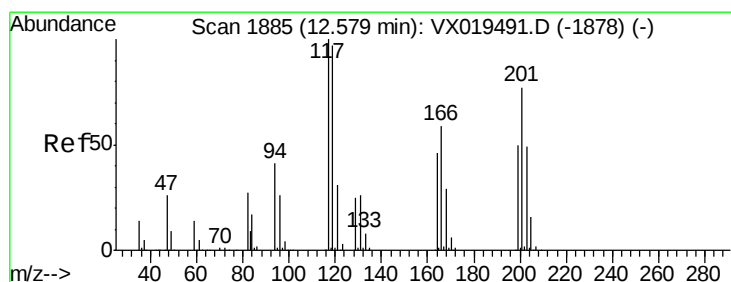
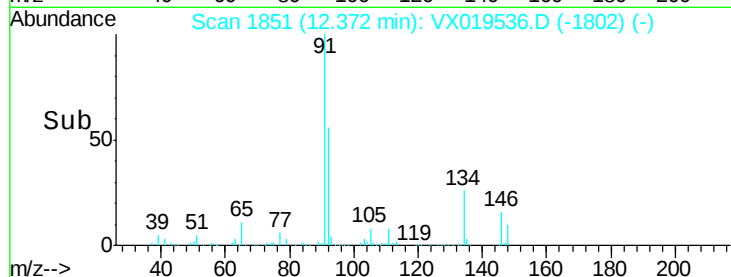
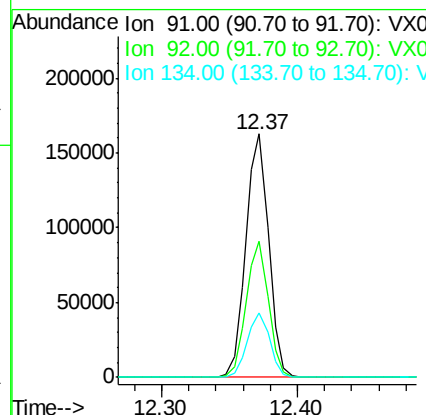
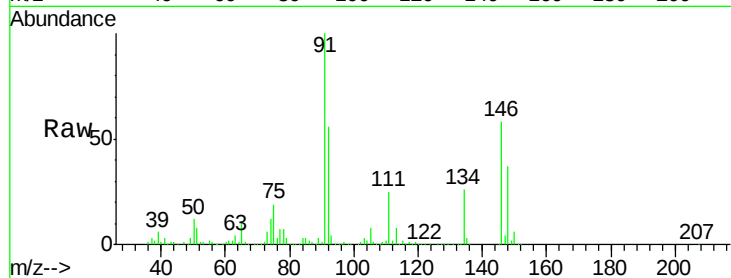
ClientSampleId :

VX1121MBS01

Tot Ion:	91	Resp:	190082
Ion	Ratio	Lower	Upper
91	100		
92	54.5	26.9	80.6
134	26.1	12.9	38.6

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#90

Hexachloroethane

Concen: 19.016 ug/l

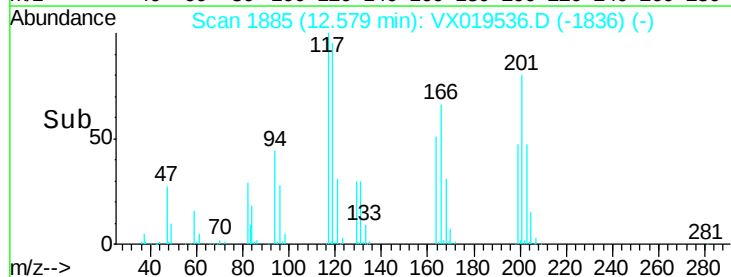
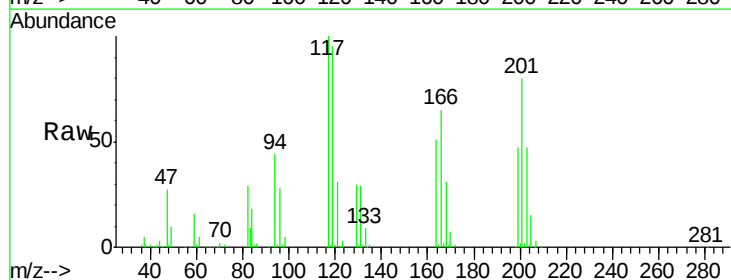
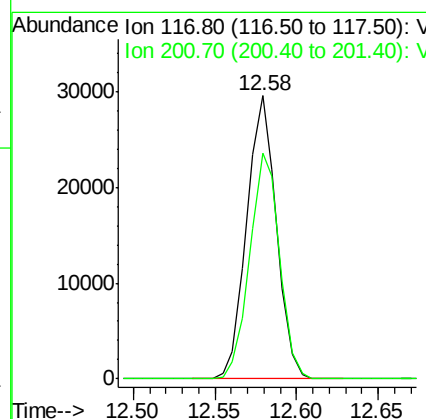
RT: 12.58 min Scan# 1885

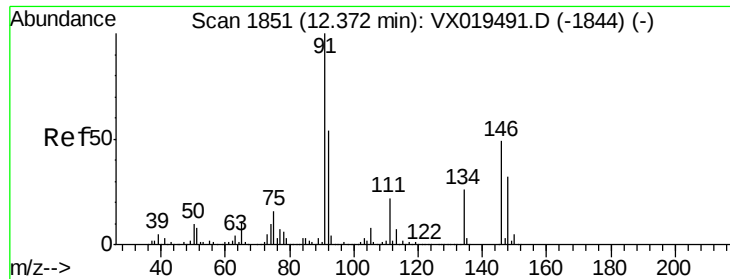
Delta R.T. -0.00 min

Lab File: VX019536.D

Acq: 21 Nov 2020 09:00

Tgt Ion:	117	Resp:	37497
Ion	Ratio	Lower	Upper
117	100		
201	80.3	39.4	118.2





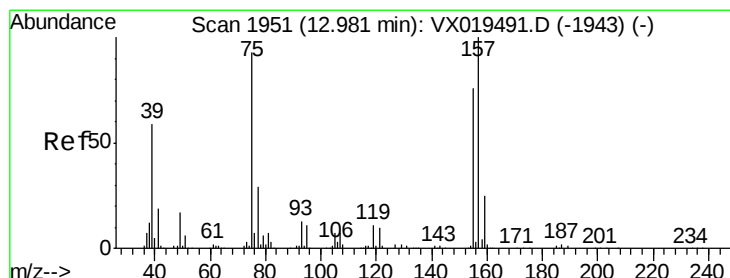
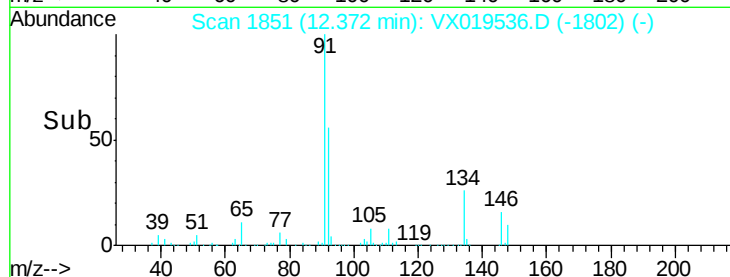
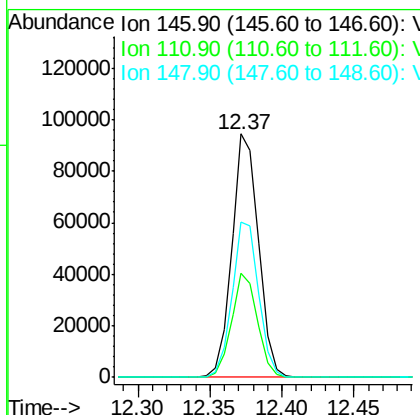
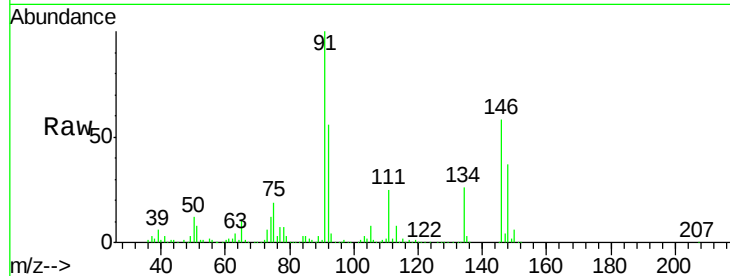
#91
 1,2-Dichlorobenzene
 Concen: 19.263 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019536.D
 Acq: 21 Nov 2020 09:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.1	63.3
148	64.0	32.4	97.0

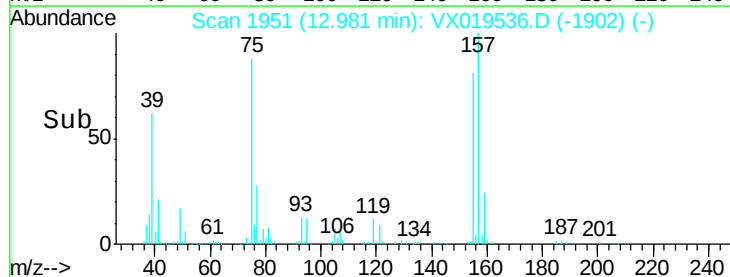
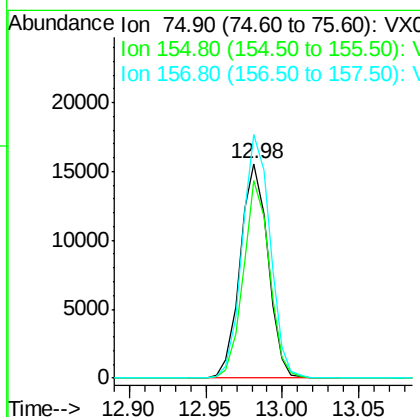
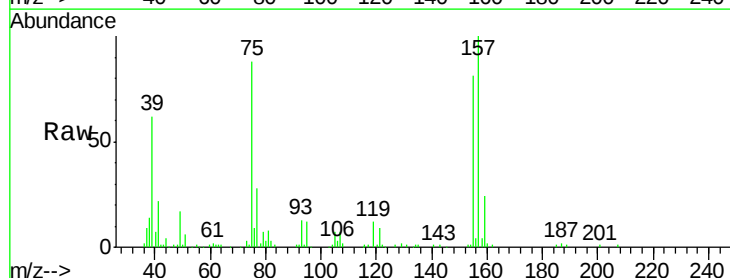
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.995 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019536.D
 Acq: 21 Nov 2020 09:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.5	43.6	130.9
157	113.8	57.0	170.8





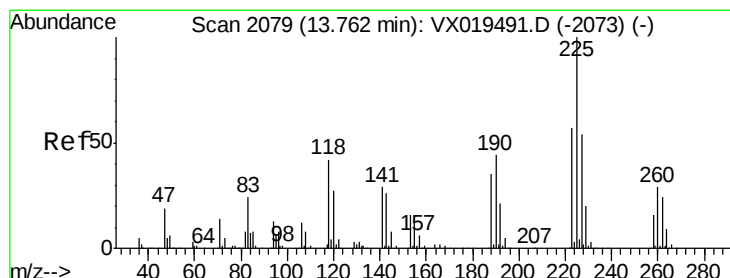
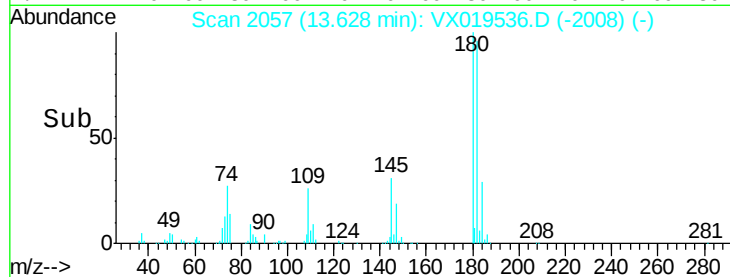
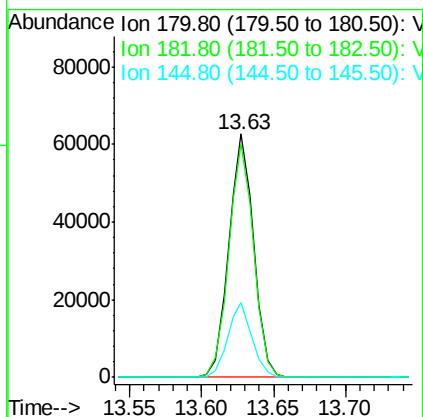
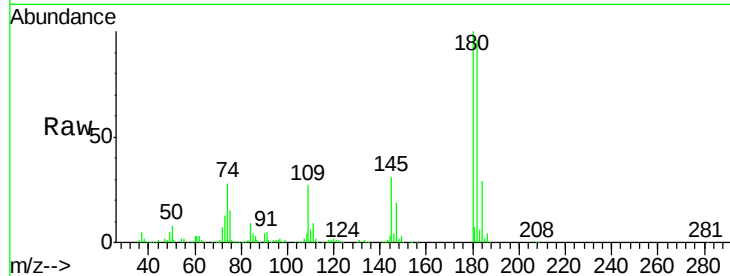
#93
 1,2,4-Trichlorobenzene
 Concen: 18.662 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019536.D
 Acq: 21 Nov 2020 09:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	75839		
182	95.9	48.6	145.9	
145	30.0	15.9	47.7	

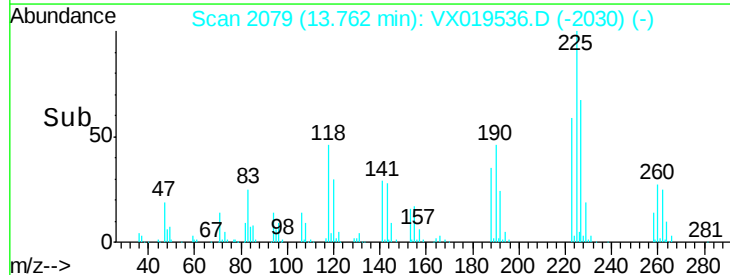
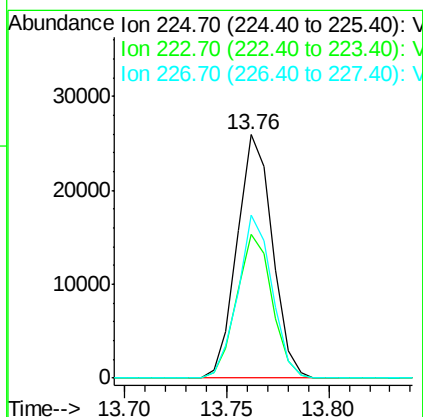
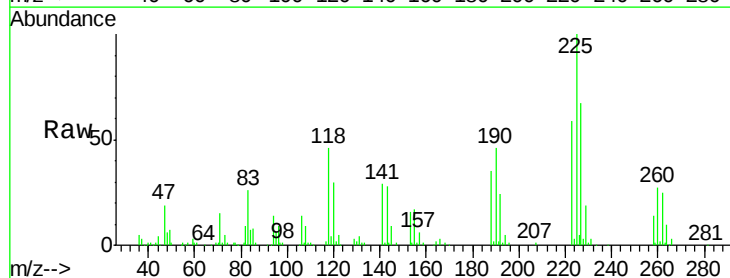
Manual Integrations
 APPROVED

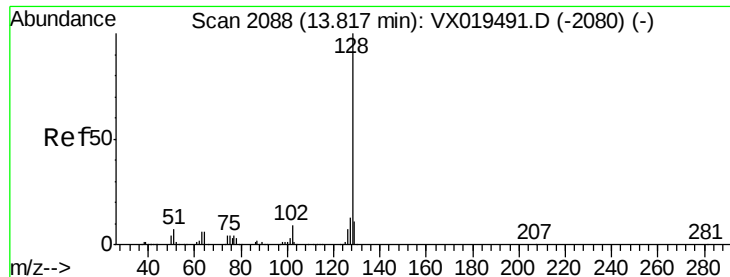
MMDadoda
 11/23/2020 9:35:03 AM



#94
 Hexachlorobutadiene
 Concen: 16.812 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019536.D
 Acq: 21 Nov 2020 09:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31124		
223	59.4	32.5	97.5	
227	64.8	32.8	98.3	





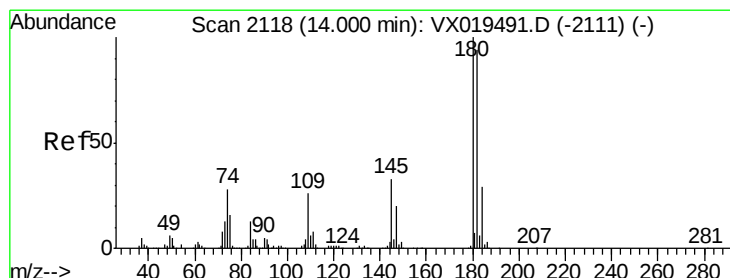
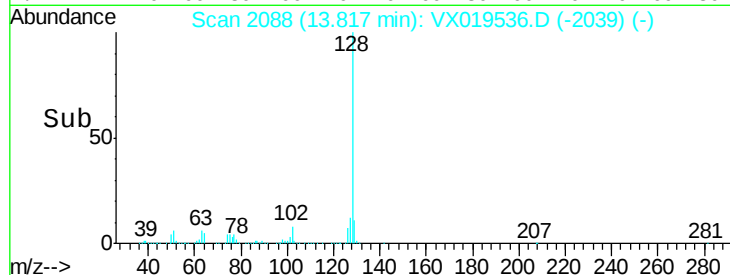
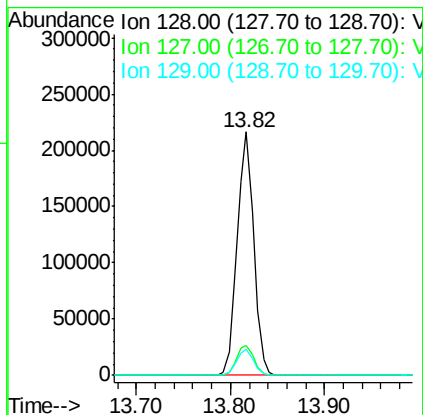
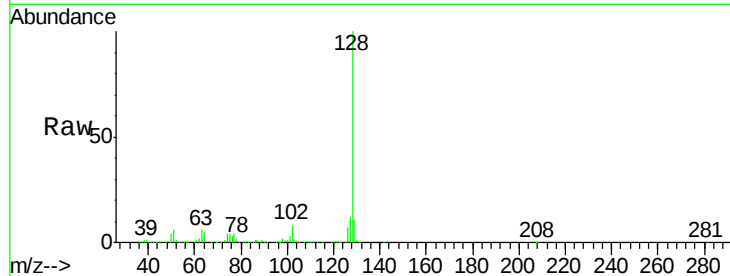
#95
Naphthalene
Concen: 19.774 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/23/2020 9:35:03 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.090 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019536.D
Acq: 21 Nov 2020 09:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.1	144.3
145	33.2	16.6	49.8

