

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110420\
 Data File : VX019235.D
 Acq On : 03 Nov 2020 15:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 11:58:46 AM

Quant Time: Nov 04 02:35:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	291315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	477048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	435921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199739	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	185854	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	5.46	113	146420	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	8.70	98	572928	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.12	95	202163	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	128574	52.942	ug/l	98
3) Chloromethane	1.31	50	151146	55.707	ug/l	100
4) Vinyl Chloride	1.39	62	167412	53.205	ug/l	99
5) Bromomethane	1.64	94	125620	58.459	ug/l	100
6) Chloroethane	1.71	64	111690	55.595	ug/l	98
7) Trichlorofluoromethane	1.92	101	260332	52.663	ug/l	97
8) Diethyl Ether	2.17	74	102347	53.947	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	147234	53.735	ug/l	99
10) Methyl Iodide	2.49	142	150991	47.109	ug/l	98
11) Tert butyl alcohol	3.03	59	157699	212.522	ug/l	100
12) 1,1-Dichloroethene	2.35	96	142756	50.560	ug/l	99
13) Acrolein	2.27	56	108362	324.891	ug/l	99
14) Allyl chloride	2.71	41	229434	53.649	ug/l	99
15) Acrylonitrile	3.11	53	411239	263.736	ug/l	100
16) Acetone	2.42	43	337745	260.594	ug/l	100
17) Carbon Disulfide	2.55	76	401483	49.886	ug/l	100
18) Methyl Acetate	2.75	43	166639	52.874	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	522530	53.412	ug/l	99
20) Methylene Chloride	2.83	84	165966	51.007	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	164693	50.682	ug/l	96
22) Diisopropyl ether	3.82	45	483037	56.656	ug/l	92
23) Vinyl Acetate	3.78	43	2116913	278.432	ug/l	98
24) 1,1-Dichloroethane	3.67	63	288343	54.167	ug/l	100
25) 2-Butanone	4.63	43	549179	268.864	ug/l	97
26) 2,2-Dichloropropane	4.55	77	268016	53.557	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	187352	51.595	ug/l	96
28) Bromochloromethane	4.98	49	125921	52.034	ug/l	95
29) Tetrahydrofuran	5.09	42	348623	270.833	ug/l	97
30) Chloroform	5.17	83	306890	54.162	ug/l	99
31) Cyclohexane	5.54	56	254509	53.593	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	277168	53.955	ug/l	99
36) 1,1-Dichloropropene	5.77	75	232702	52.825	ug/l	99
37) Ethyl Acetate	4.79	43	219480	53.661	ug/l	99
38) Carbon Tetrachloride	5.75	117	238997	53.226	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	286572	54.406	ug/l	99
40) Benzene	6.11	78	677222	54.221	ug/l	99
41) Methacrylonitrile	5.00	41	116939	53.090	ug/l	99
42) 1,2-Dichloroethane	6.16	62	249913	54.291	ug/l	100
43) Isopropyl Acetate	6.41	43	366602	53.530	ug/l	99
44) Trichloroethene	7.18	130	185282	51.797	ug/l	94
45) 1,2-Dichloropropane	7.49	63	170355	55.685	ug/l	99
46) Dibromomethane	7.63	93	120865	53.428	ug/l	97
47) Bromodichloromethane	7.87	83	248485	55.727	ug/l	100
48) Methyl methacrylate	7.74	41	180492	54.756	ug/l	98
49) 1,4-Dioxane	7.73	88	68283	931.484	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1078939	274.106	ug/l	99
52) Toluene	8.76	92	439139	54.589	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	277818	54.550	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	293196	54.747	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	172342	54.222	ug/l	98
56) Ethyl methacrylate	9.16	69	265174	55.234	ug/l	98
57) 1,3-Dichloropropane	9.35	76	296038	55.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	728434	271.302	ug/l	97
59) 2-Hexanone	9.47	43	826317	275.781	ug/l	99
60) Dibromochloromethane	9.56	129	186327	54.017	ug/l	98
61) 1,2-Dibromoethane	9.65	107	182831	53.792	ug/l	99
64) Tetrachloroethene	9.32	164	176535	53.153	ug/l	99
65) Chlorobenzene	10.12	112	462334	51.890	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	170270	53.084	ug/l	99
67) Ethyl Benzene	10.23	91	834375	52.554	ug/l	100
68) m/p-Xylenes	10.34	106	620837	104.189	ug/l	98
69) o-Xylene	10.68	106	291288	51.539	ug/l	100
70) Styrene	10.69	104	496243	51.460	ug/l	100
71) Bromoform	10.84	173	121506	47.778	ug/l #	99
73) Isopropylbenzene	11.00	105	802762	56.778	ug/l	100
74) N-amyl acetate	10.88	43	287861	55.685	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	230848	52.244	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	217083m	52.637	ug/l	
77) Bromobenzene	11.24	156	185892	52.976	ug/l	95
78) n-propylbenzene	11.34	91	911534	56.478	ug/l	99
79) 2-Chlorotoluene	11.40	91	526311	55.389	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	652526	54.631	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	81103	51.778	ug/l	97
82) 4-Chlorotoluene	11.49	91	622740	53.669	ug/l	99
83) tert-Butylbenzene	11.76	119	618382	54.071	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	658203	54.585	ug/l	99
85) sec-Butylbenzene	11.93	105	757679	55.238	ug/l	100
86) p-Isopropyltoluene	12.05	119	695187	54.910	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	333187	50.987	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	334864	49.228	ug/l	98
89) n-Butylbenzene	12.37	91	645854	54.272	ug/l	99
90) Hexachloroethane	12.58	117	117499	54.602	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	317273	50.563	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53012	49.008	ug/l	98

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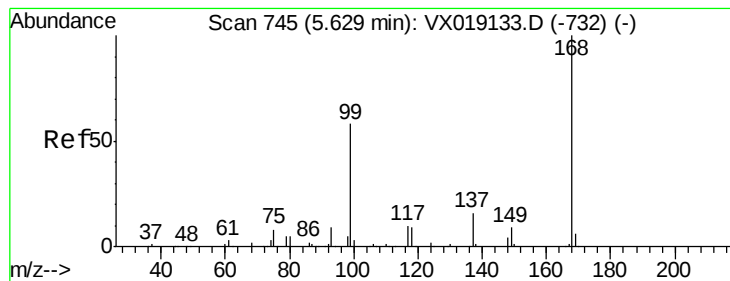
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	223031	47.320	ug/l	94
94) Hexachlorobutadiene	13.76	225	101951	49.138	ug/l	98
95) Naphthalene	13.82	128	736393	49.607	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	222879	48.745	ug/l	98

(#) = 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: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 291315

Ion Ratio Lower Upper

168 100

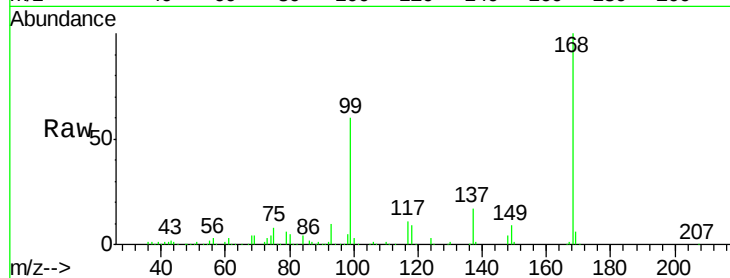
99 59.5 46.6 69.8

Manual Integrations

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11/4/2020 11:58:46 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

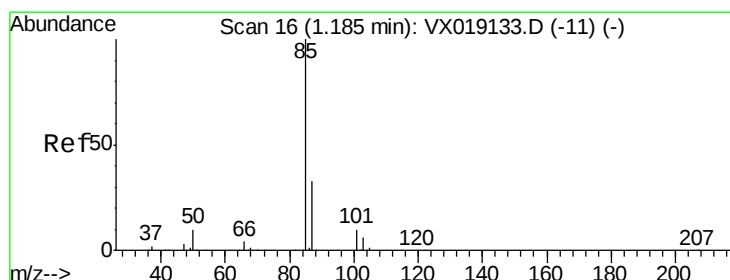
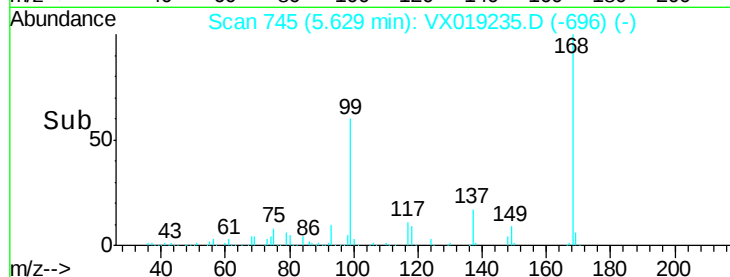
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.942 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019235.D

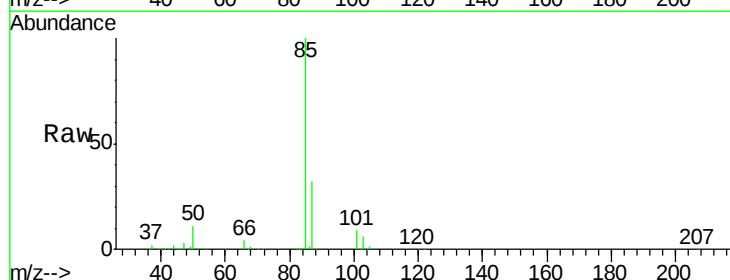
Acq: 03 Nov 2020 15:54

Tgt Ion: 85 Resp: 128574

Ion Ratio Lower Upper

85 100

87 32.0 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

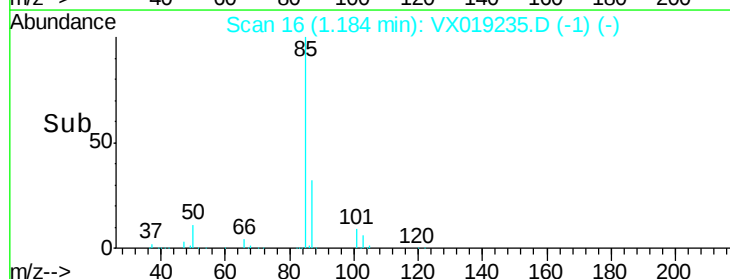
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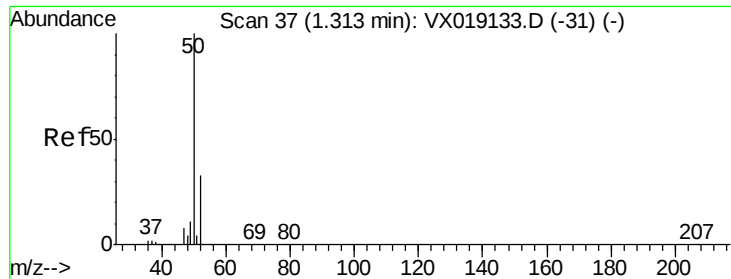
100000

50000

0

Time-->





#3

Chloromethane

Concen: 55.707 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 151146

Ion Ratio Lower Upper

50 100

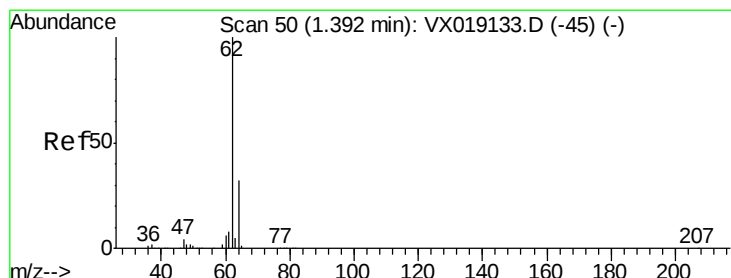
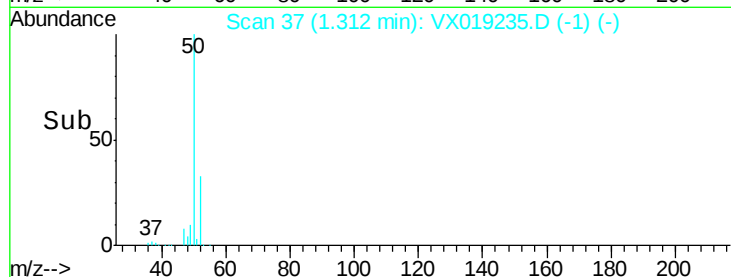
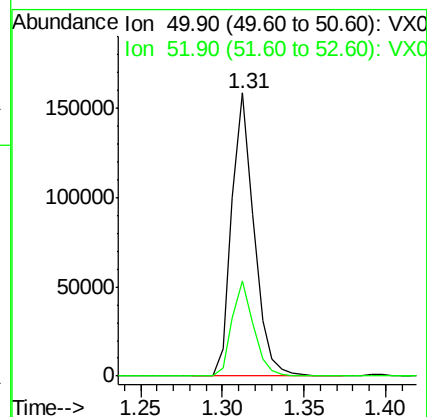
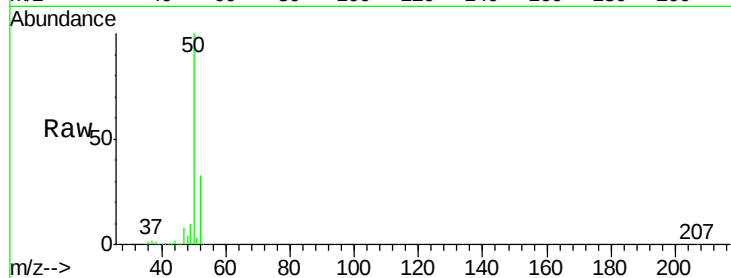
52 33.5 26.8 40.2

Manual Integrations

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11/4/2020 11:58:46 AM



#4

Vinyl Chloride

Concen: 53.205 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019235.D

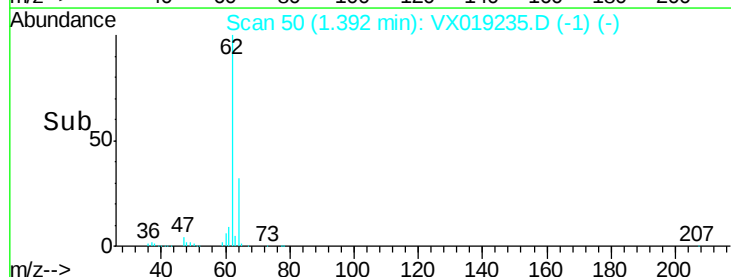
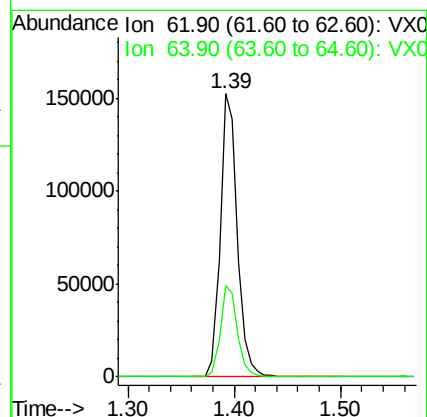
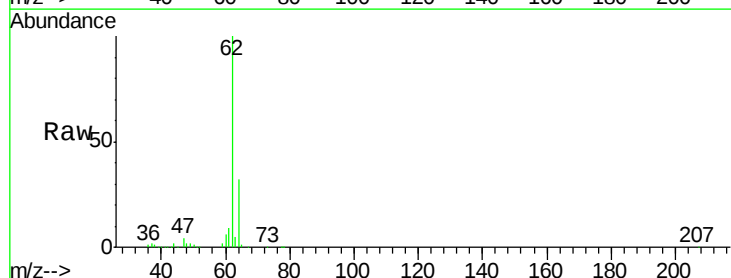
Acq: 03 Nov 2020 15:54

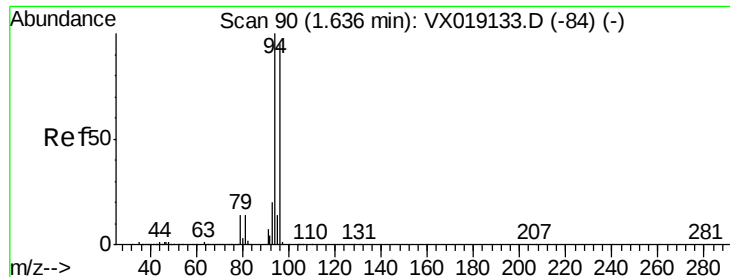
Tgt Ion: 62 Resp: 167412

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 58.459 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 125620

Ion Ratio Lower Upper

94 100

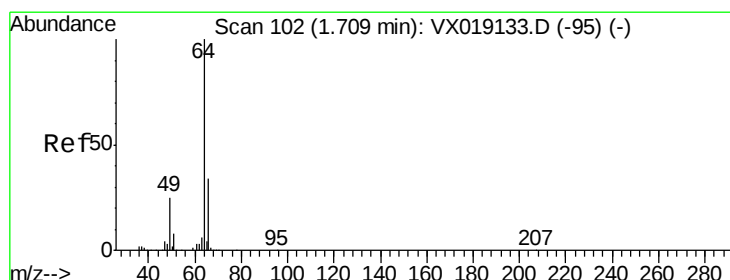
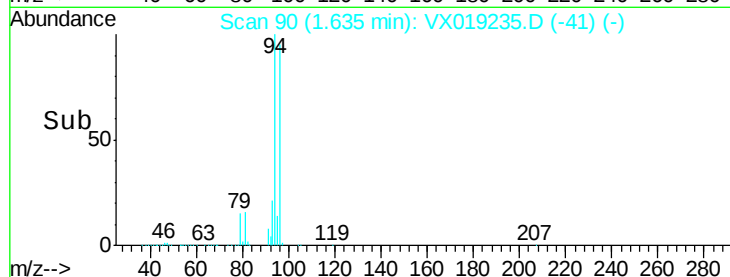
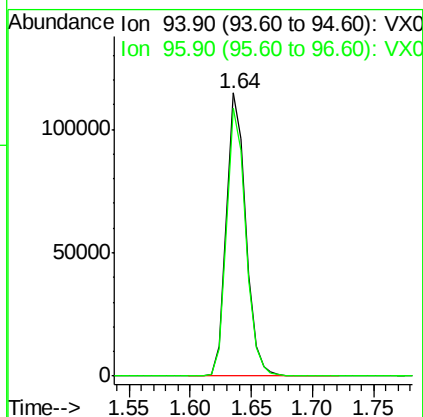
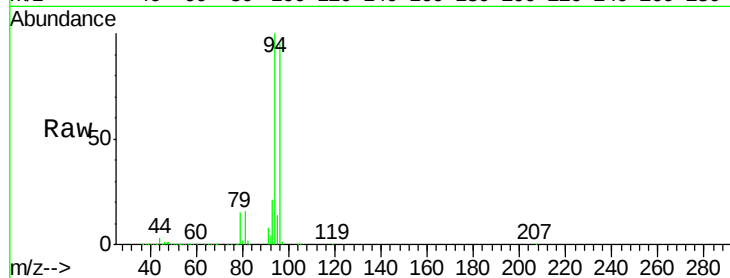
96 94.7 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 55.595 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019235.D

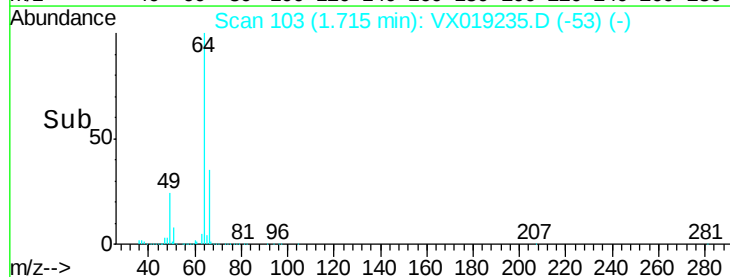
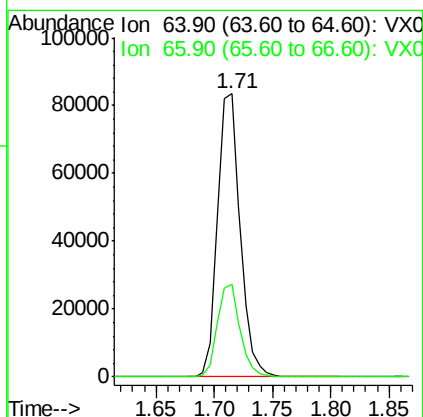
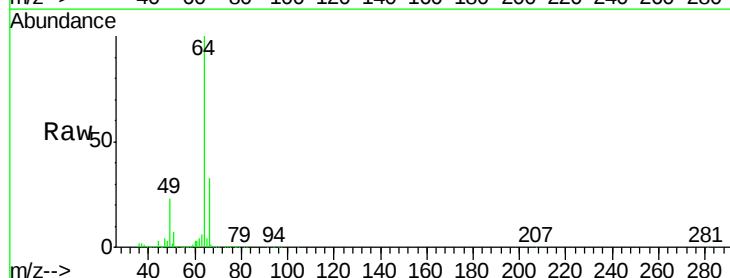
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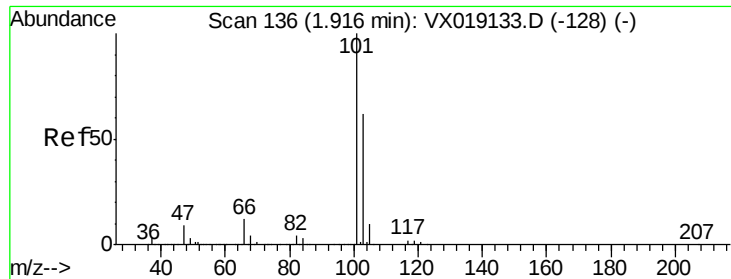
Tgt Ion: 64 Resp: 111690

Ion Ratio Lower Upper

64 100

66 32.5 27.1 40.7





#7

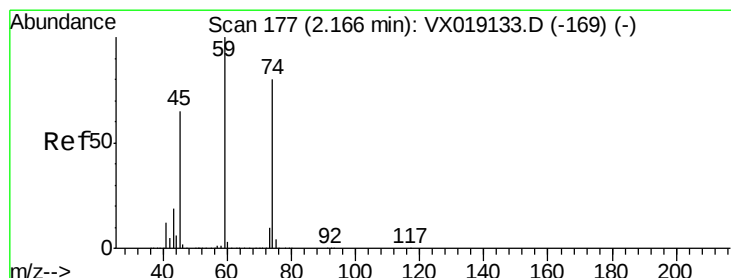
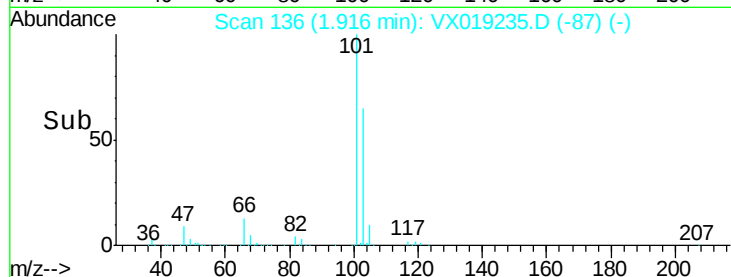
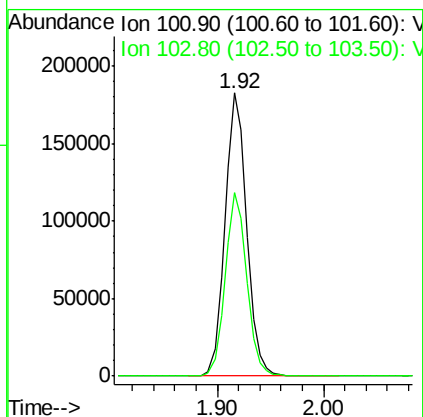
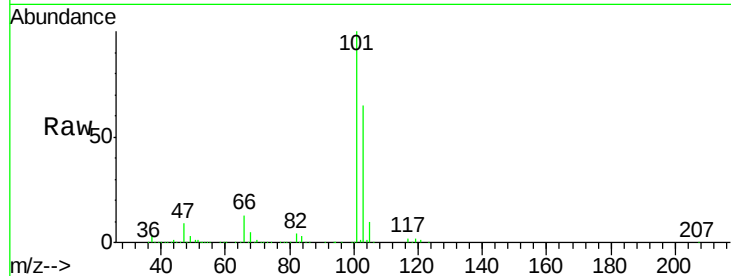
Trichlorofluoromethane
Concen: 52.663 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

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VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	260332		
103	65.0	50.0	75.0	

Manual Integrations
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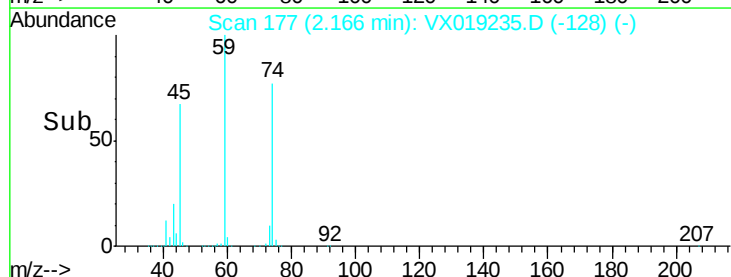
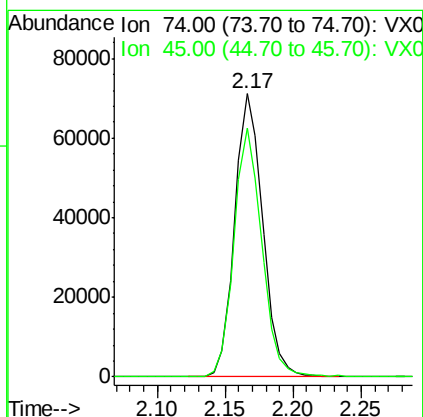
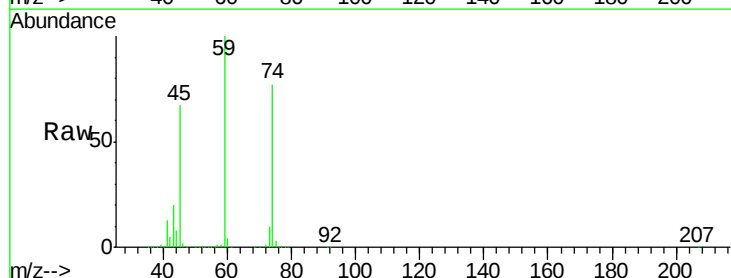
MMDadoda
11/4/2020 11:58:46 AM

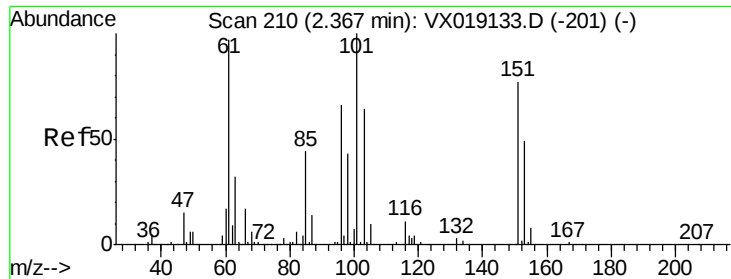


#8

Diethyl Ether
Concen: 53.947 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	102347		
45	86.7	41.0	123.0	





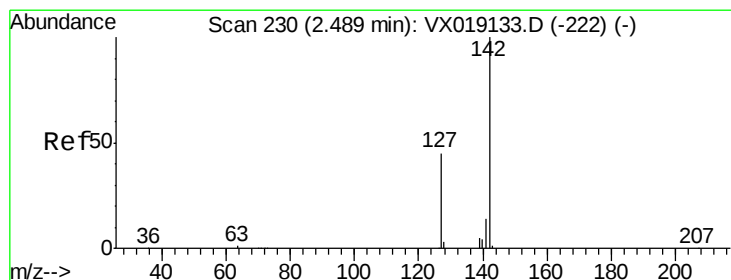
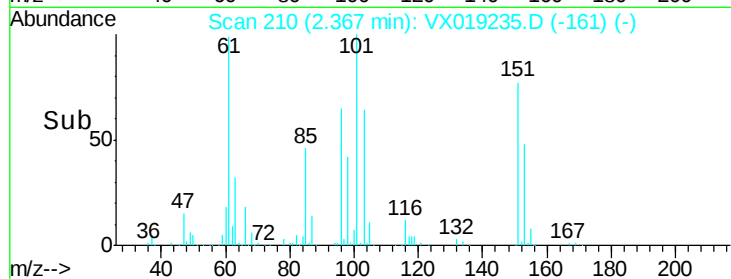
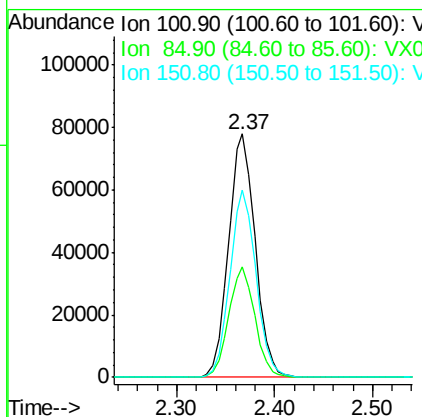
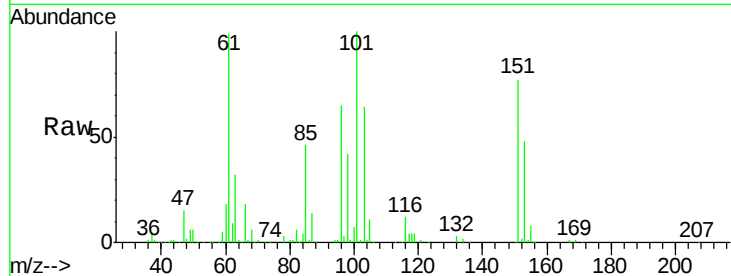
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 53.735 ug/l
 RT: 2.37 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	147234		
85	44.4	35.0	52.4	
151	75.4	61.4	92.2	

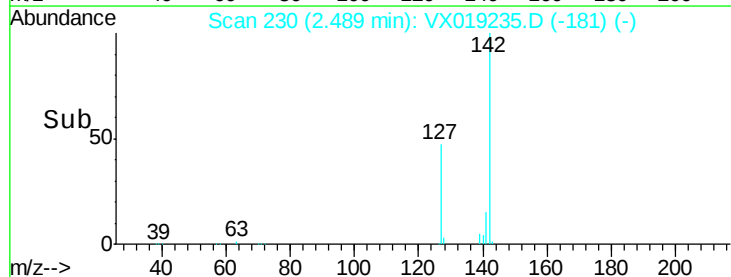
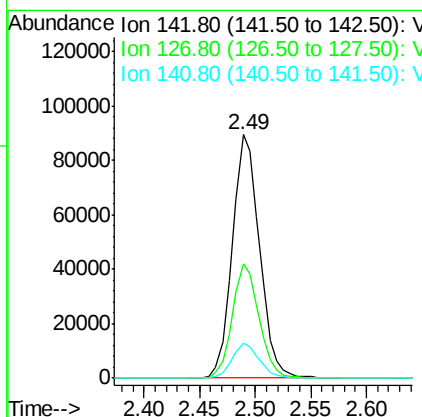
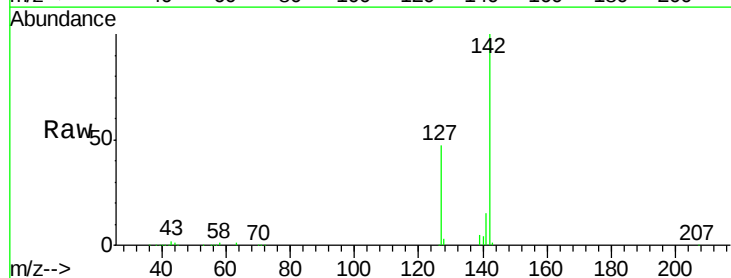
Manual Integrations
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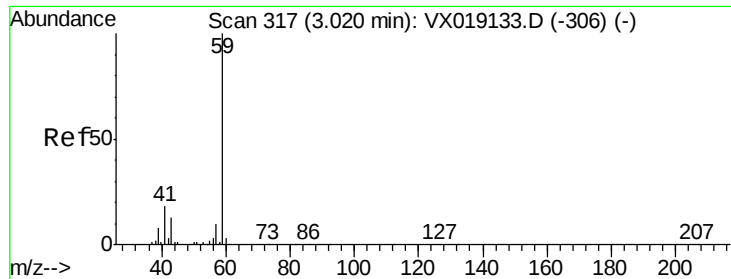
MMDadoda
 11/4/2020 11:58:46 AM



#10
 Methyl Iodide
 Concen: 47.109 ug/l
 RT: 2.49 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	150991		
127	46.4	36.1	54.1	
141	14.3	11.3	16.9	





#11

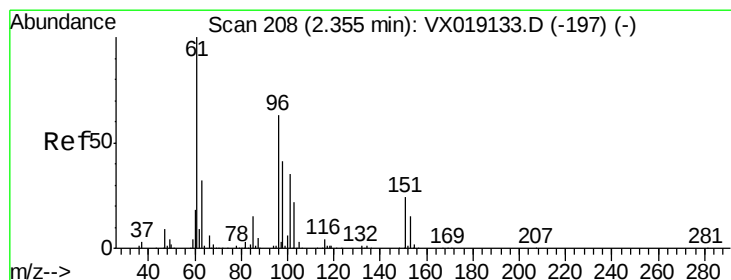
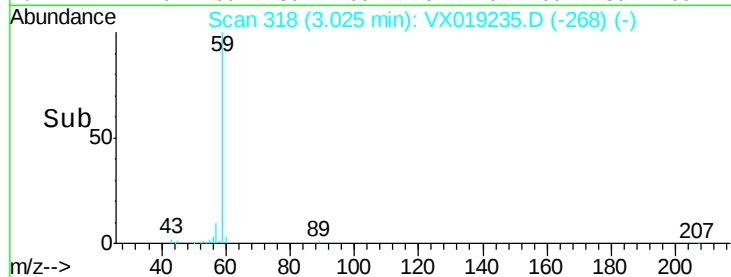
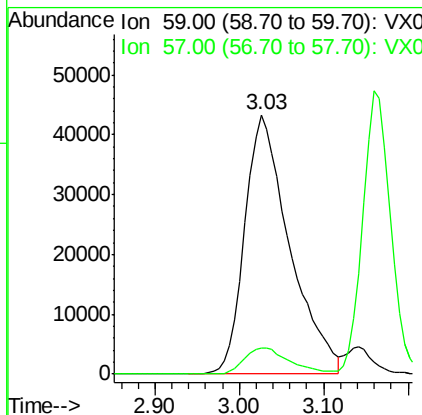
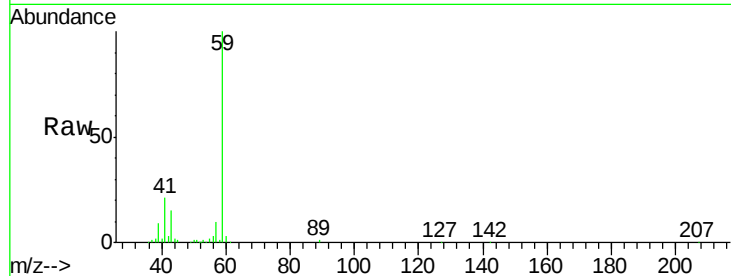
Tert butyl alcohol
Concen: 212.522 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	157699		
57	57	10.4		8.4	12.6

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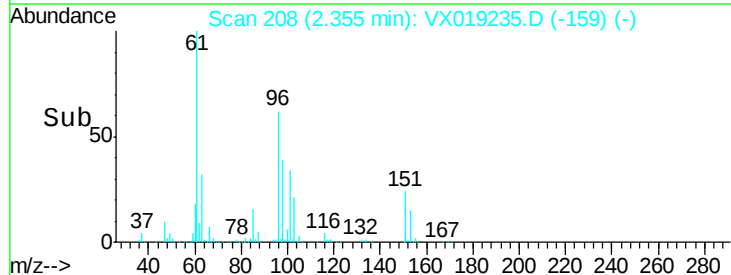
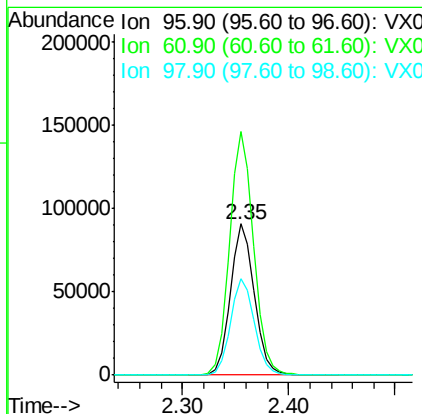
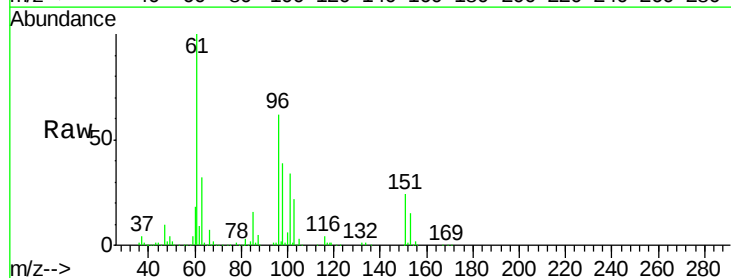
MMDadoda
11/4/2020 11:58:46 AM

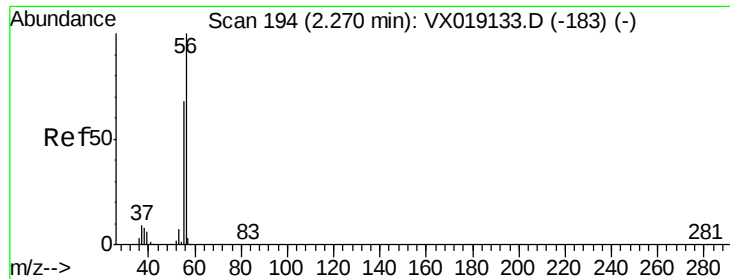


#12

1,1-Dichloroethene
Concen: 50.560 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	142756		
61	61	161.0		127.7	191.5
98	98	63.5		52.1	78.1





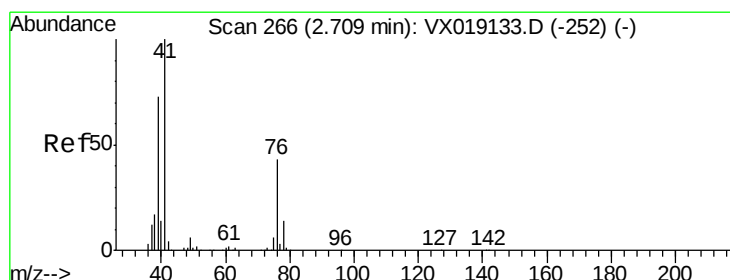
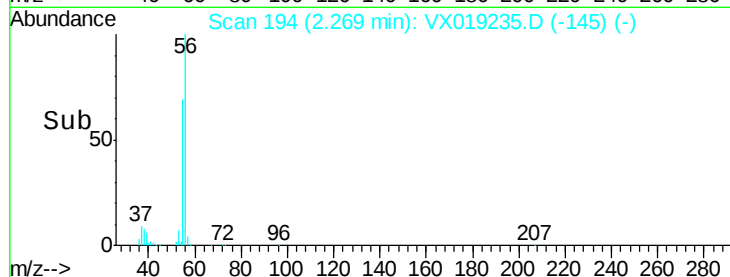
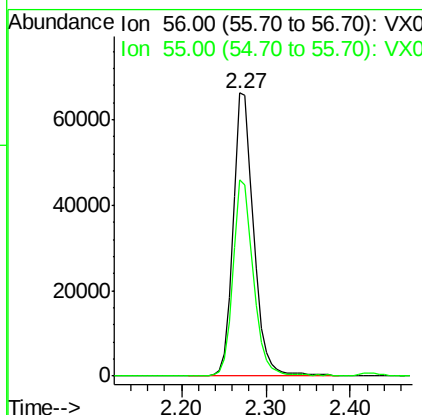
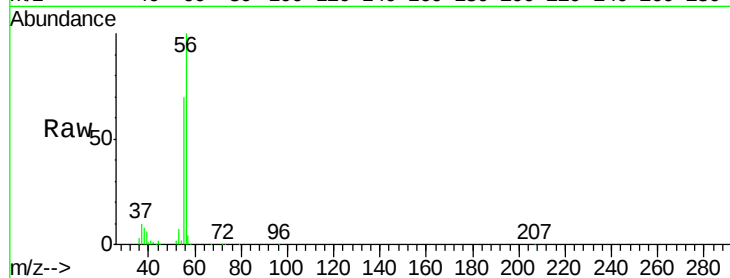
#13
Acrolein
Concen: 324.891 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.9	54.7	82.1

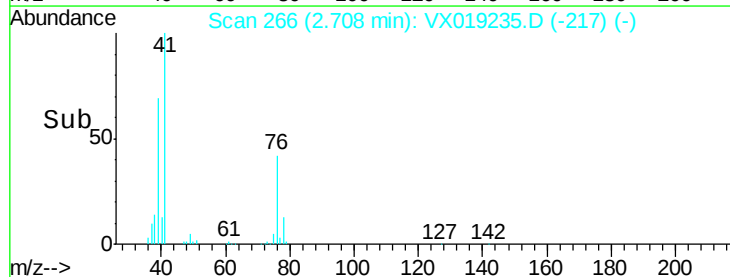
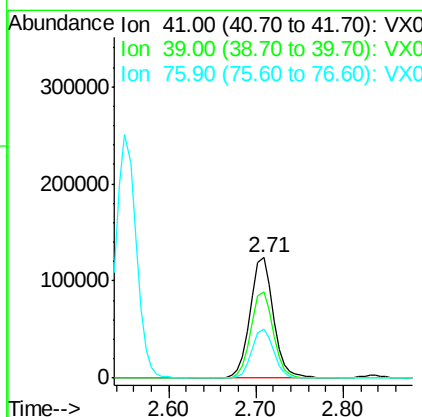
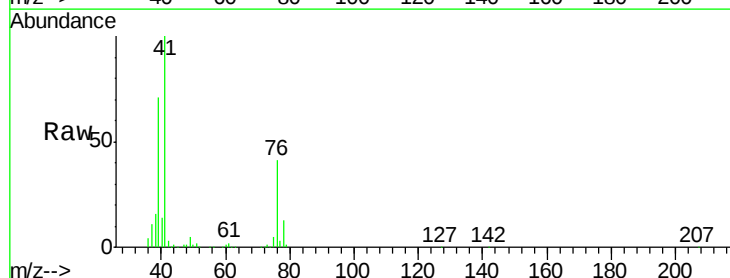
Manual Integrations
APPROVED

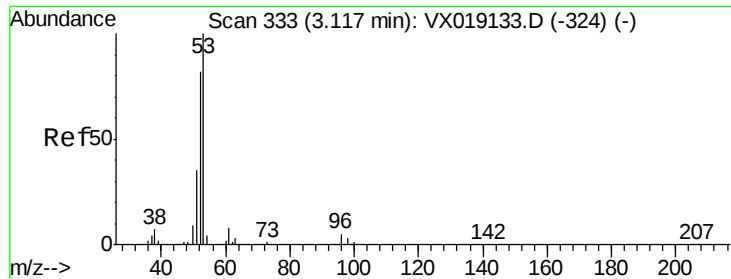
MMDadoda
11/4/2020 11:58:46 AM



#14
Allyl chloride
Concen: 53.649 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.7	55.2	82.8
76	38.5	31.5	47.3





#15

Acrylonitrile

Concen: 263.736 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

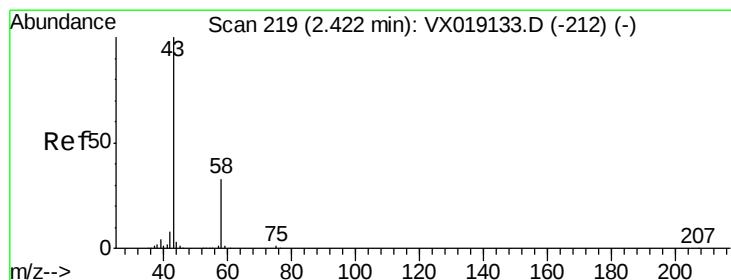
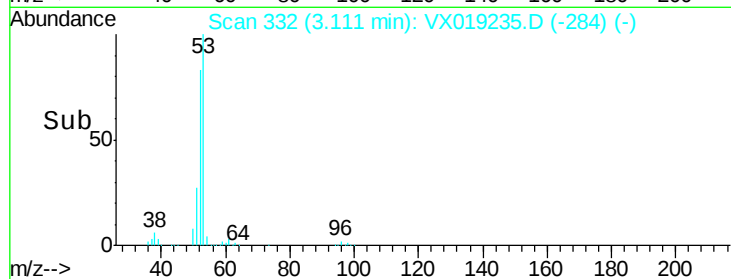
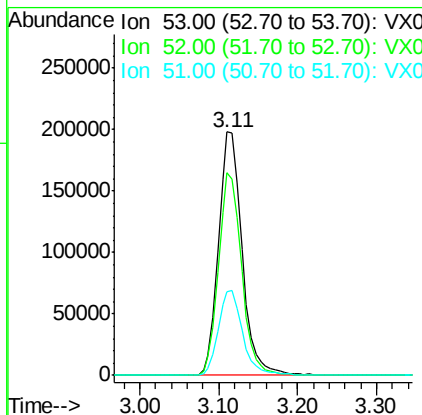
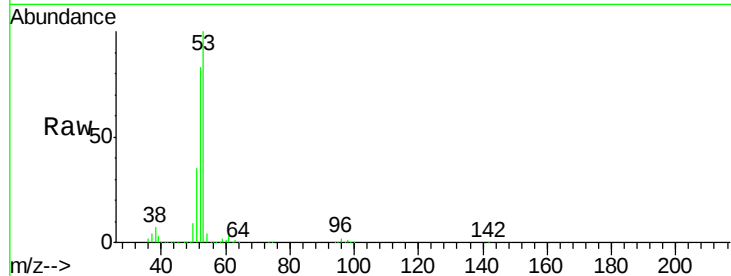
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	411239
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.7	98.5
51	35.8	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 260.594 ug/l

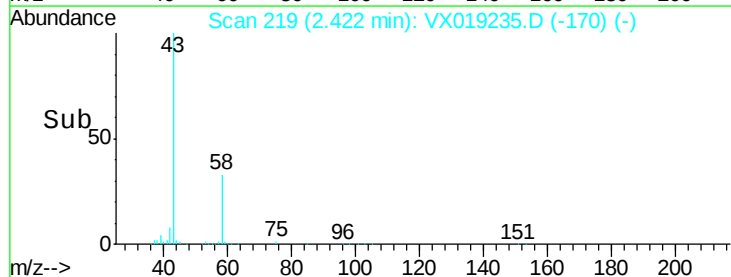
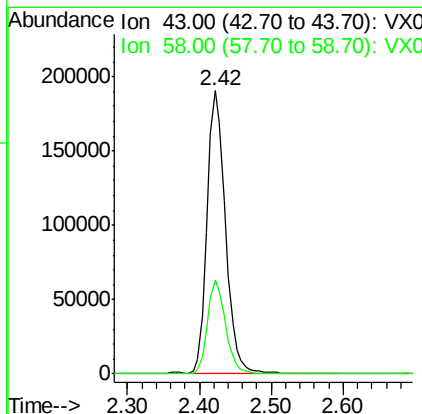
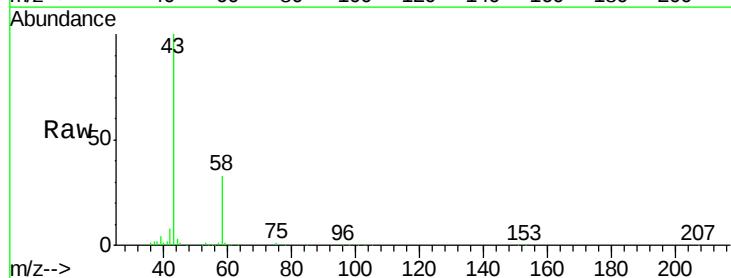
RT: 2.42 min Scan# 219

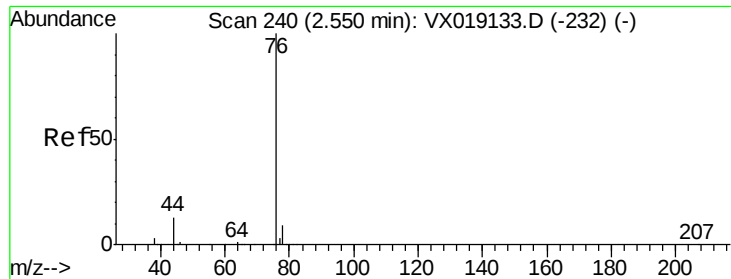
Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Tgt Ion:	43	Resp:	337745
Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.3	39.5





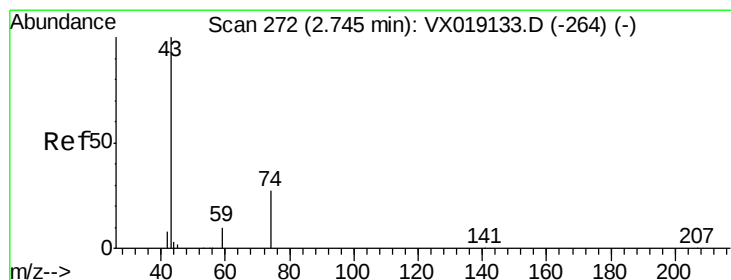
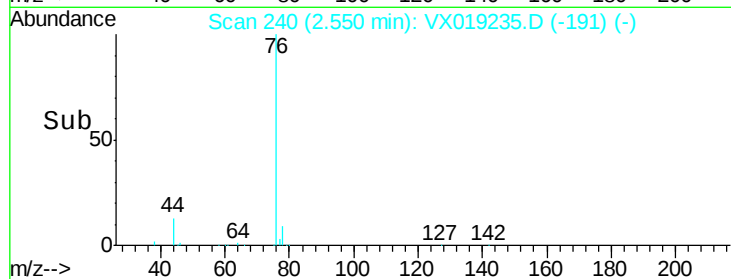
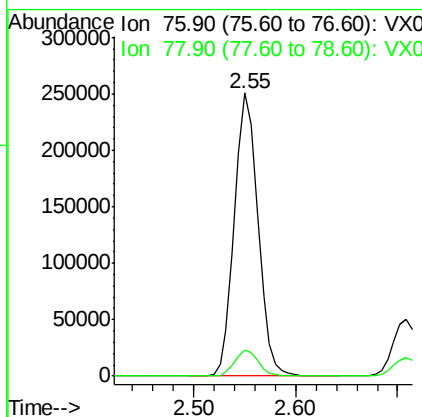
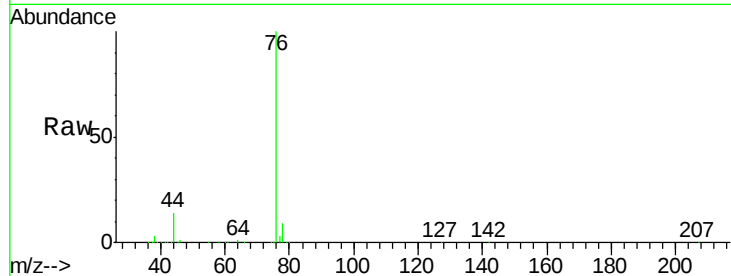
#17
Carbon Disulfide
Concen: 49.886 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

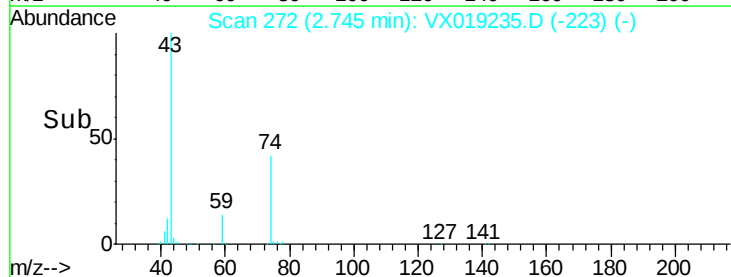
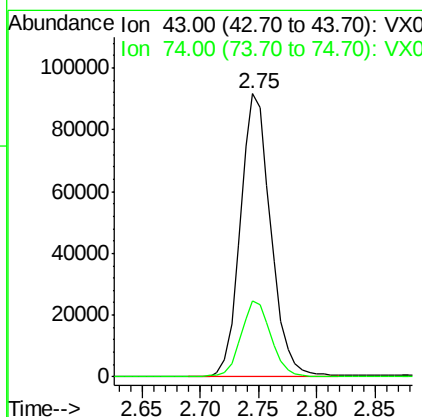
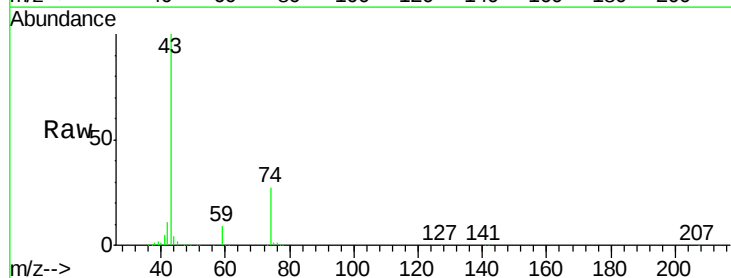
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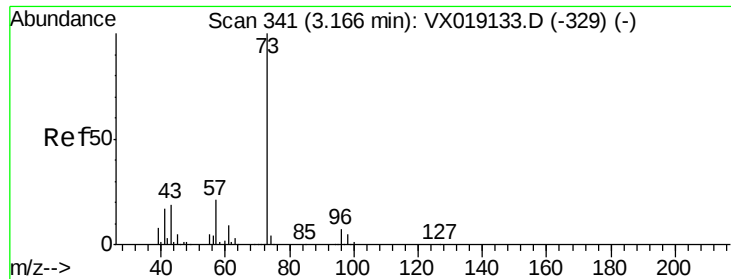
MMDadoda
11/4/2020 11:58:46 AM



#18
Methyl Acetate
Concen: 52.874 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.0	22.6	33.8





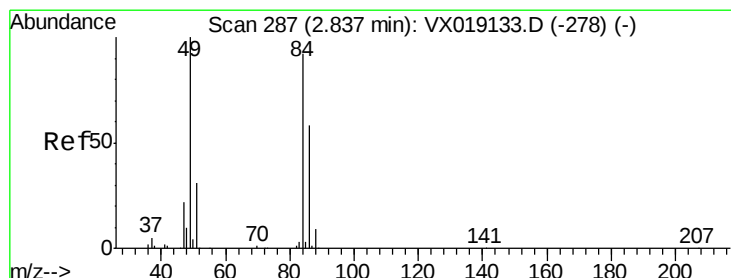
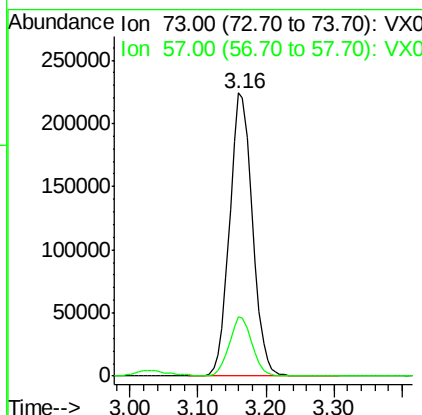
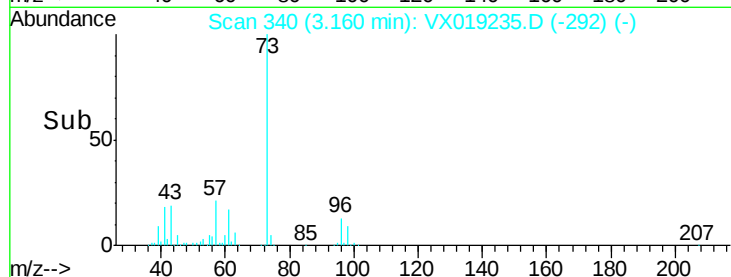
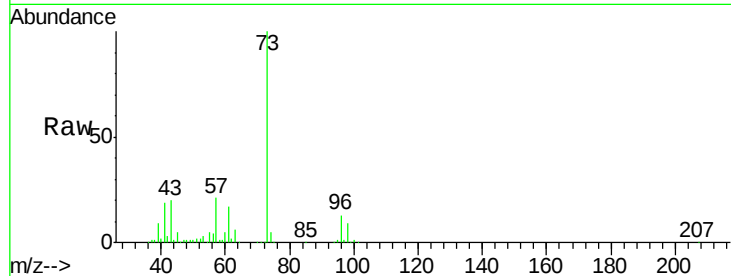
#19
Methvl tert-butvl Ether
Concen: 53.412 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.6	25.0

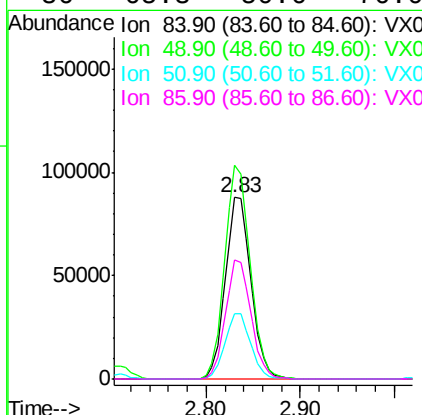
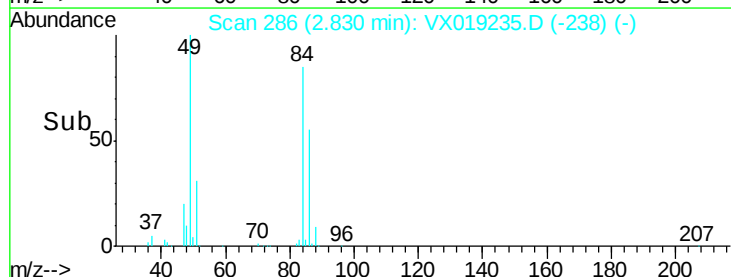
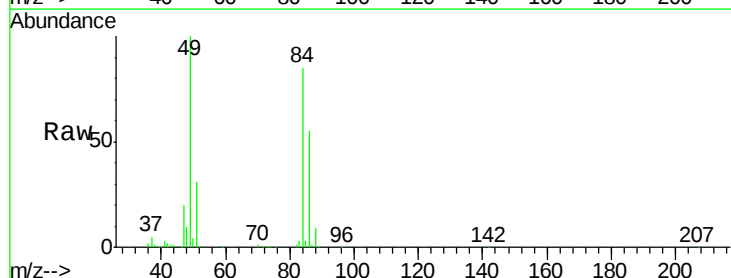
Manual Integrations
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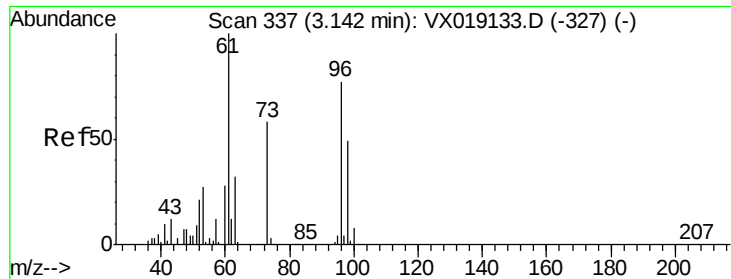
MMDadoda
11/4/2020 11:58:46 AM



#20
Methylene Chloride
Concen: 51.007 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.6	86.8	130.2
51	36.1	27.3	40.9
86	65.3	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 50.682 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

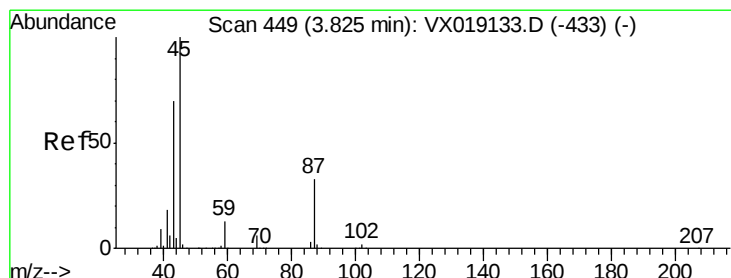
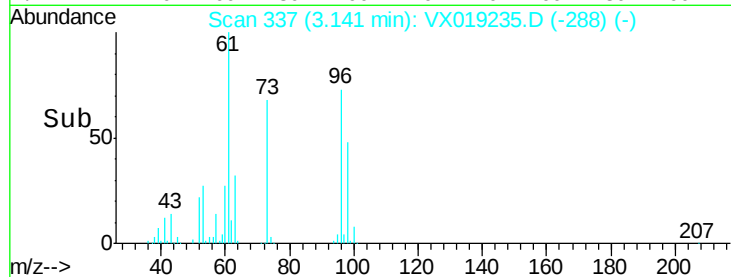
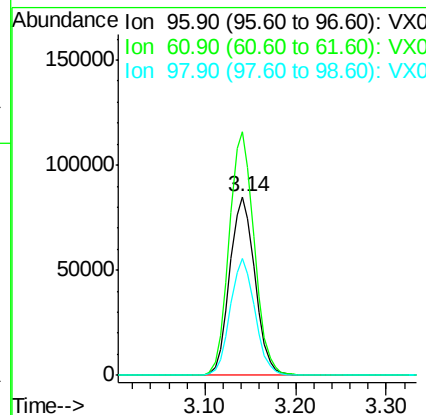
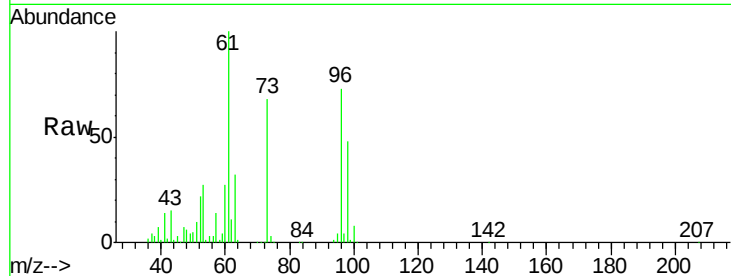
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	164693
Ion	Ratio	Lower	Upper
96	100		
61	136.5	104.2	156.4
98	65.3	51.3	76.9

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#22

Diisopropyl ether

Concen: 56.656 ug/l

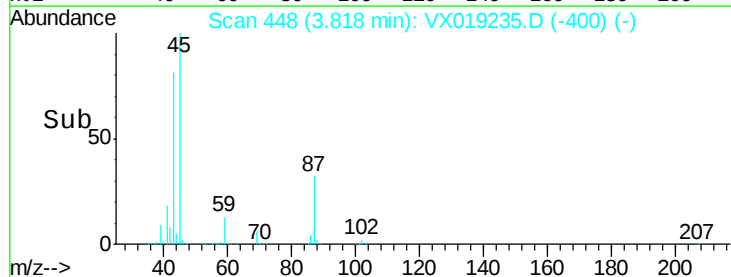
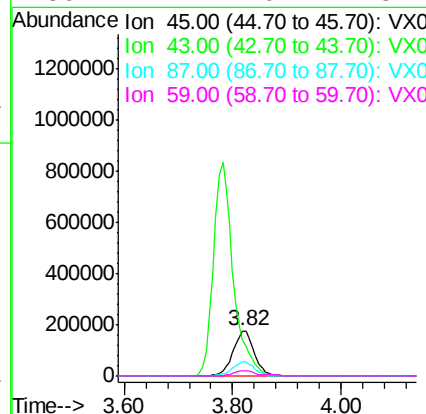
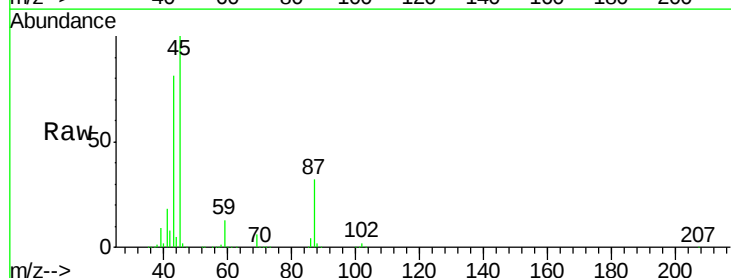
RT: 3.82 min Scan# 448

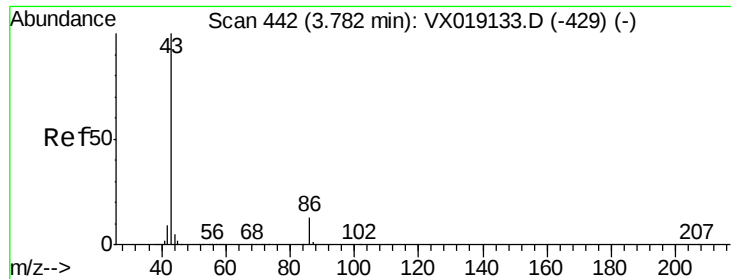
Delta R.T. -0.01 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Tgt Ion:	45	Resp:	483037
Ion	Ratio	Lower	Upper
45	100		
43	80.5	56.2	84.4
87	31.5	26.2	39.2
59	12.7	10.1	15.1





#23

Vinyl Acetate

Concen: 278.432 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2116913

Ion Ratio Lower Upper

43 100

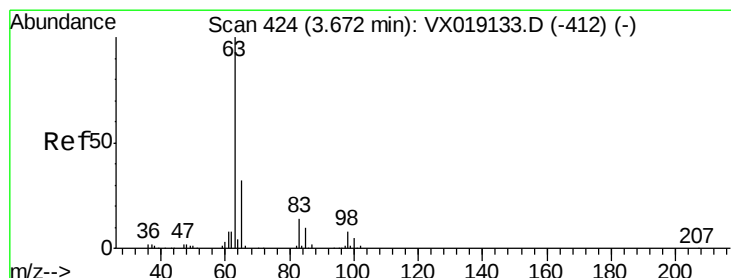
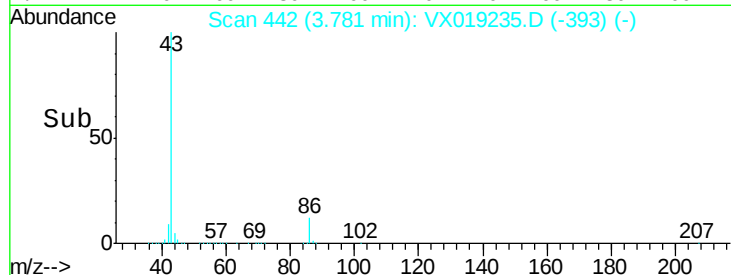
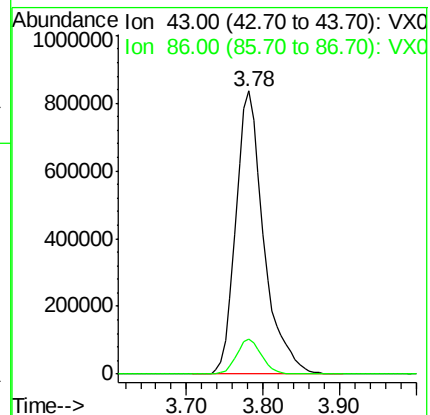
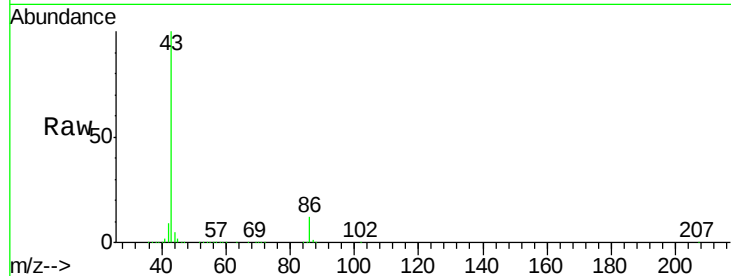
86 12.4 10.4 15.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 54.167 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

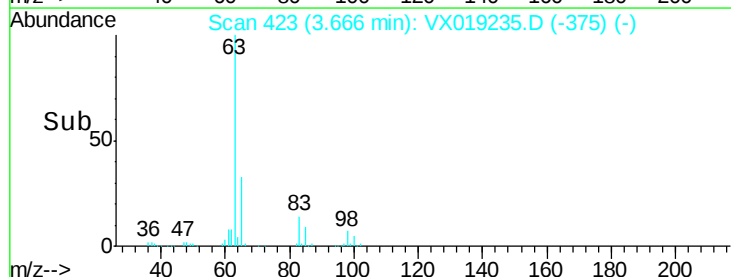
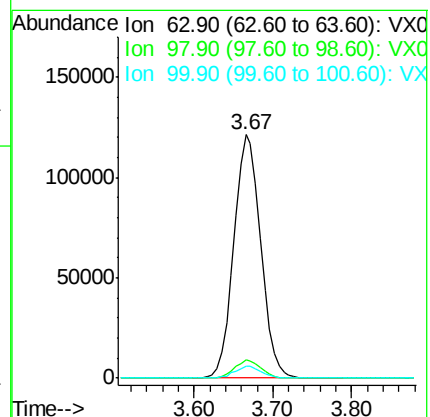
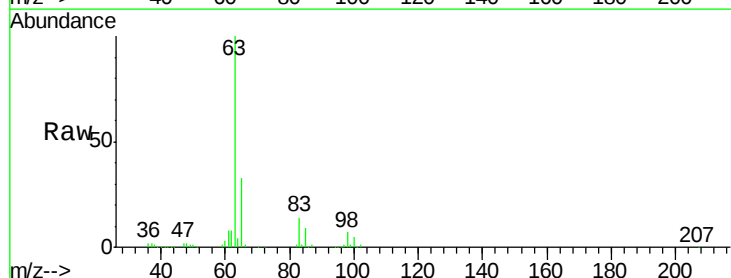
Tgt Ion: 63 Resp: 288343

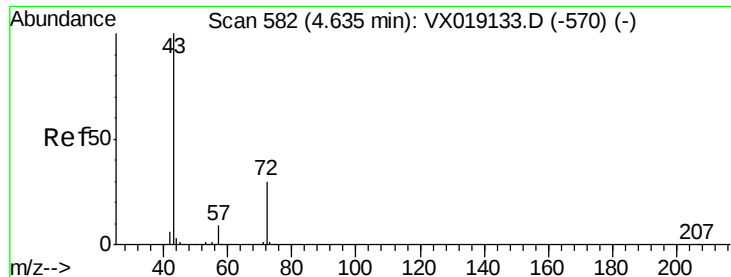
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.8 2.4 7.2





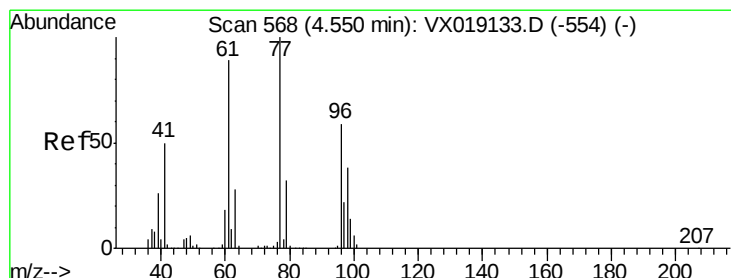
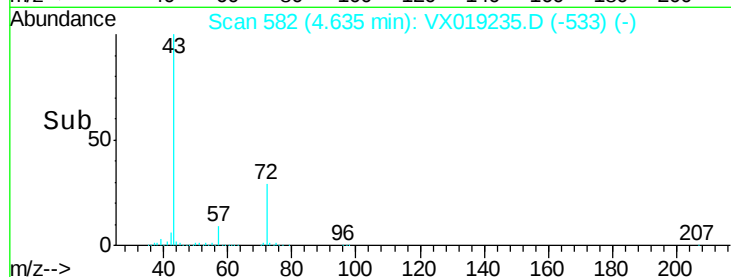
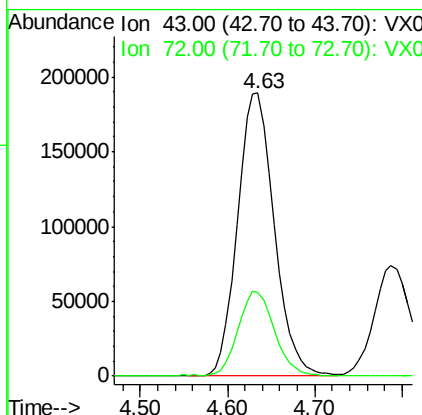
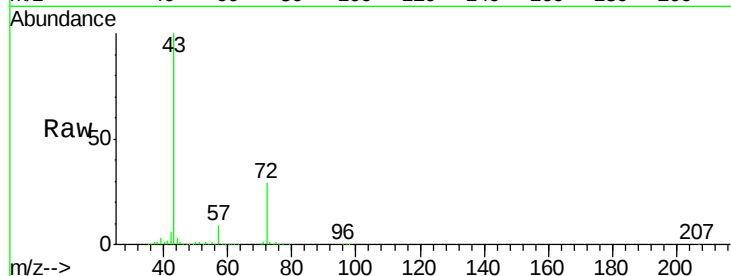
#25
2-Butanone
Concen: 268.864 ug/l
RT: 4.63 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 549179
Ion Ratio Lower Upper
43 100
72 29.3 24.6 36.8

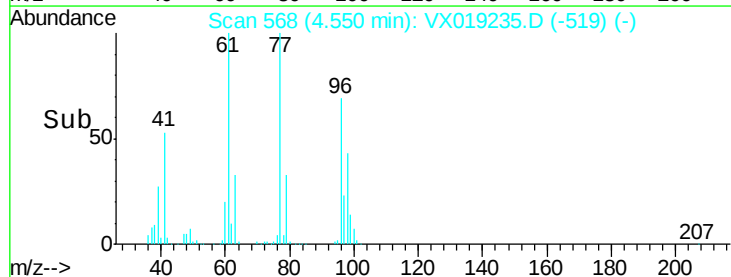
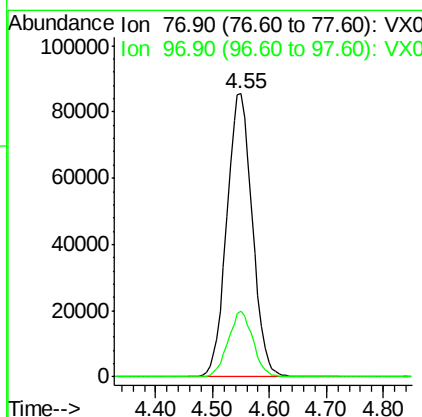
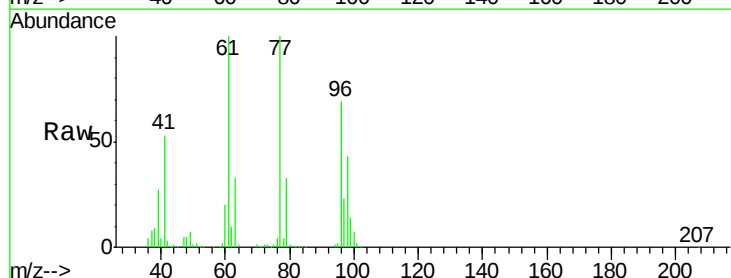
Manual Integrations
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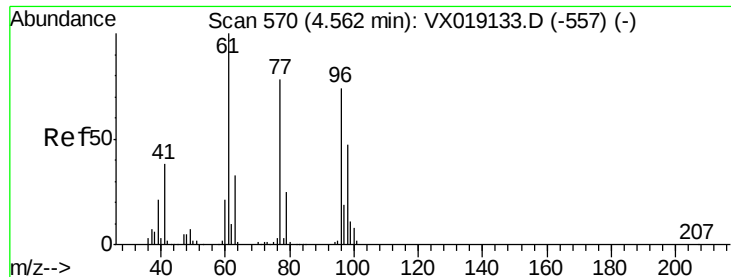
MMDadoda
11/4/2020 11:58:46 AM



#26
2,2-Dichloropropane
Concen: 53.557 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion: 77 Resp: 268016
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





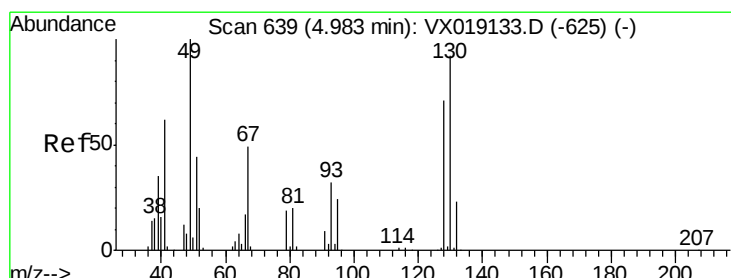
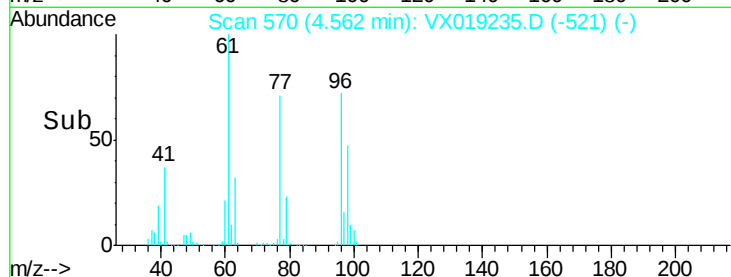
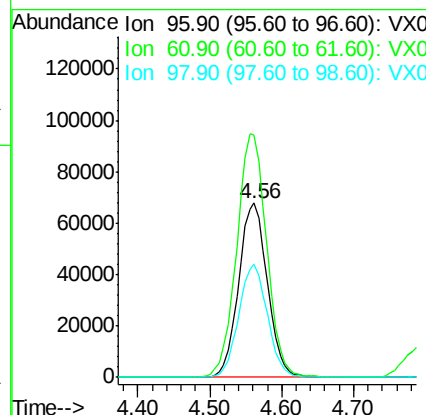
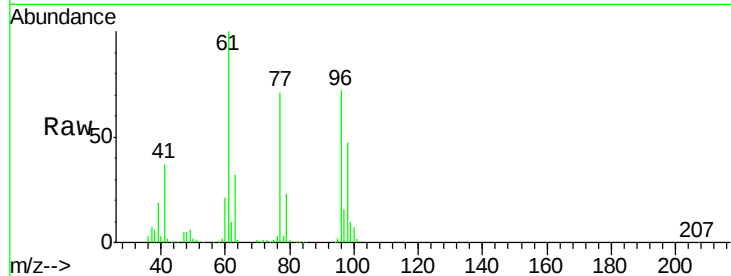
#27
 cis-1,2-Dichloroethene
 Concen: 51.595 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	187352		
61	145.8	0.0	278.8	
98	64.9	0.0	130.2	

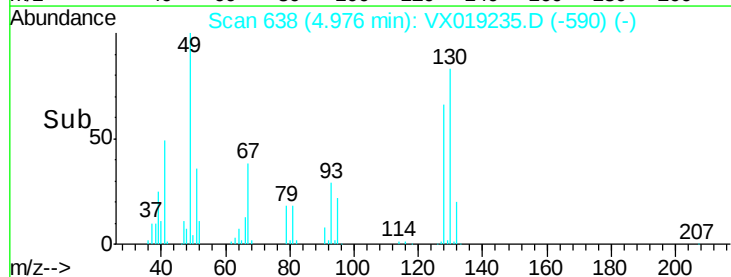
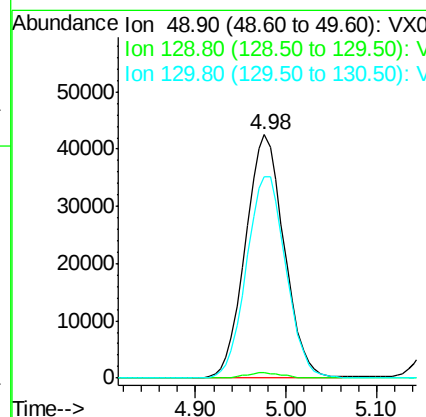
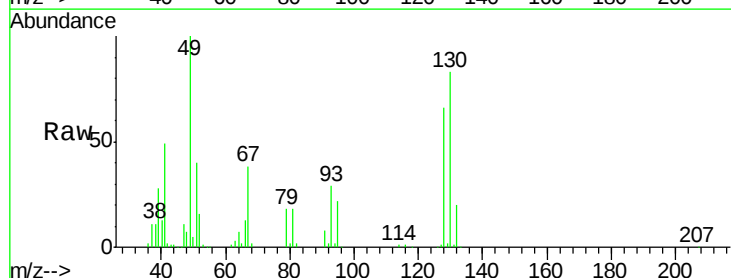
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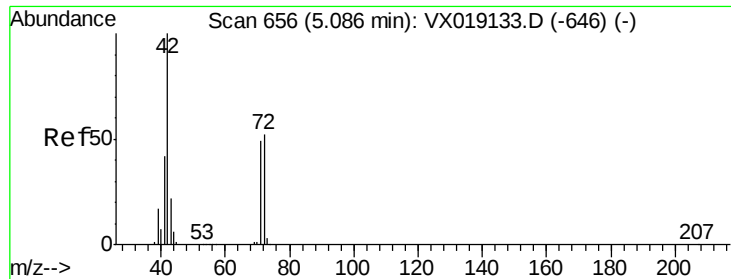
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#28
 Bromochloromethane
 Concen: 52.034 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	125921		
129	2.1	0.0	4.4	
130	84.5	71.3	106.9	





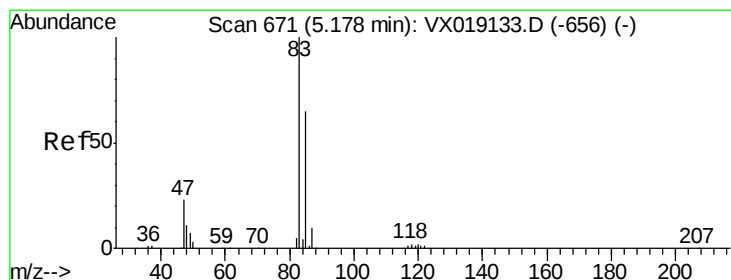
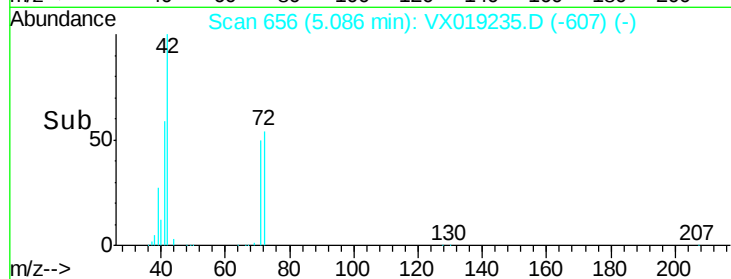
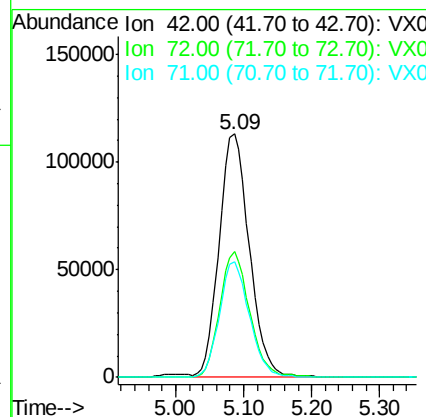
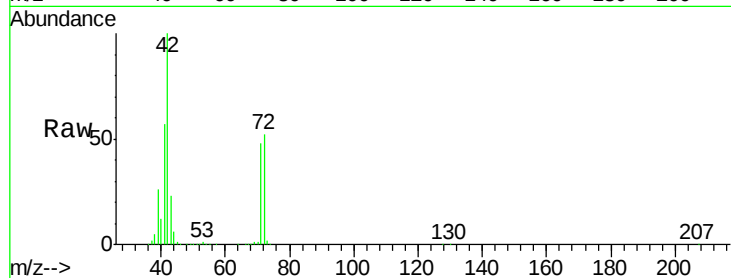
#29
Tetrahydrofuran
Concen: 270.833 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.5	42.6	63.8
71	47.1	39.7	59.5

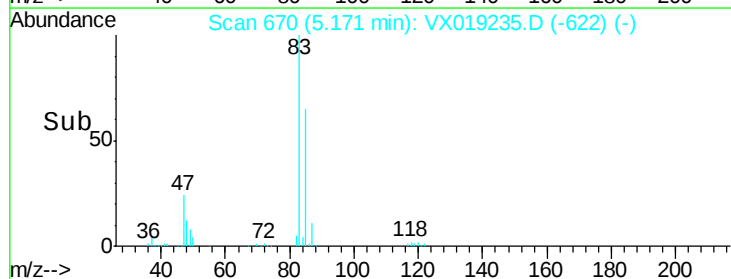
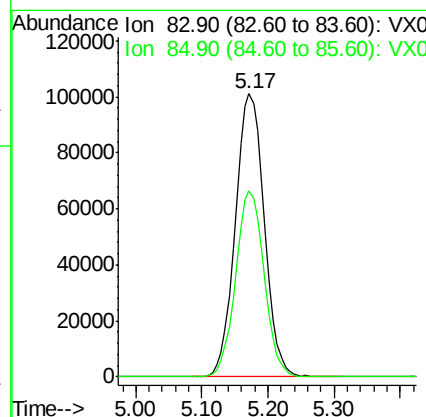
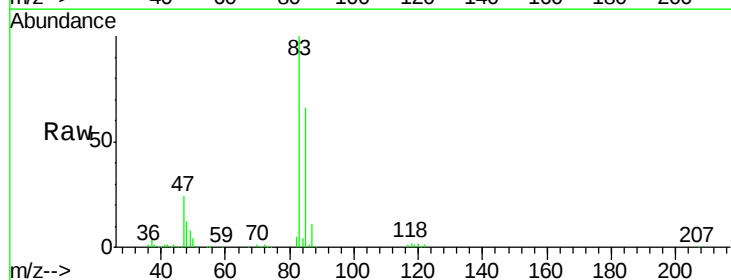
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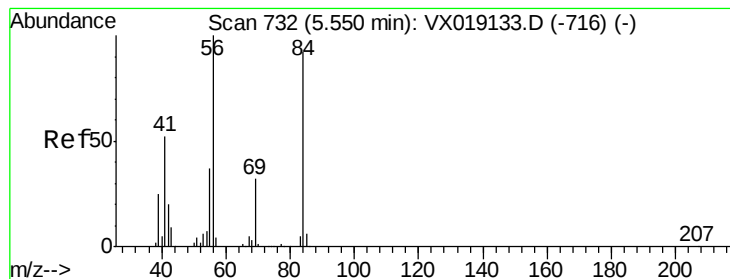
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#30
Chloroform
Concen: 54.162 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.9	77.9





#31

Cvclohexane

Concen: 53.593 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

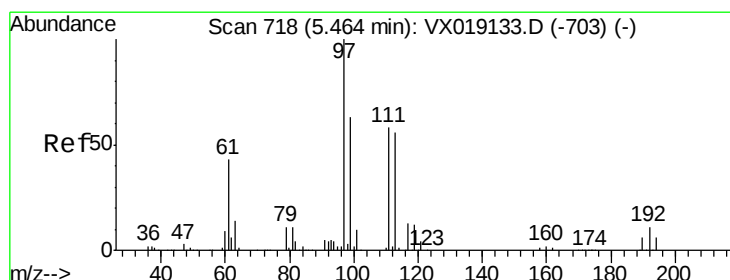
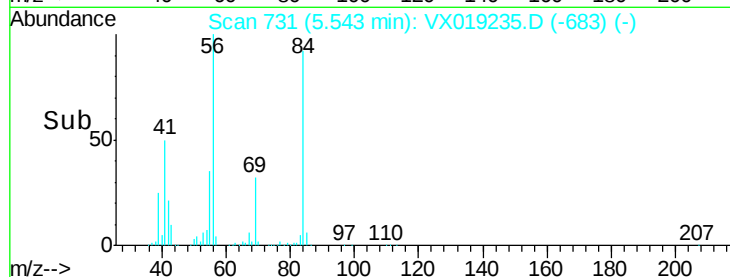
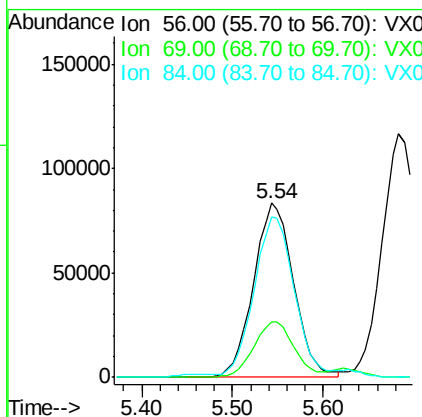
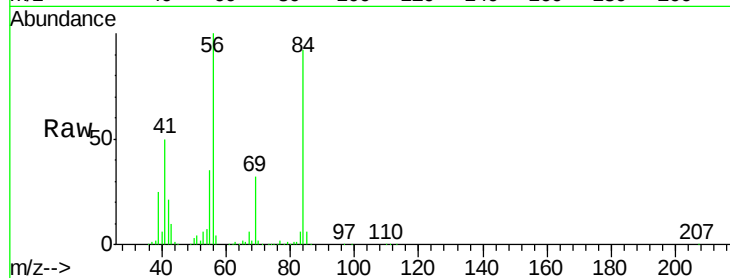
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	254509
Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.9	38.9
84	90.7	73.4	110.2

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#32

1,1,1-Trichloroethane

Concen: 53.955 ug/l

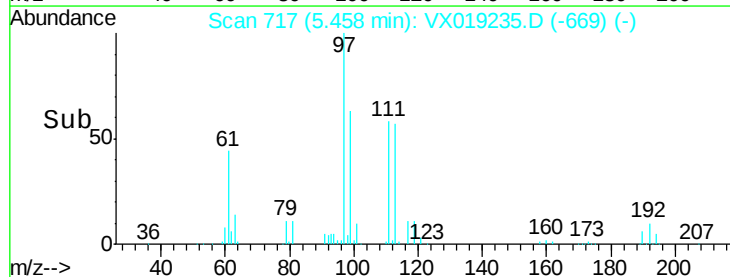
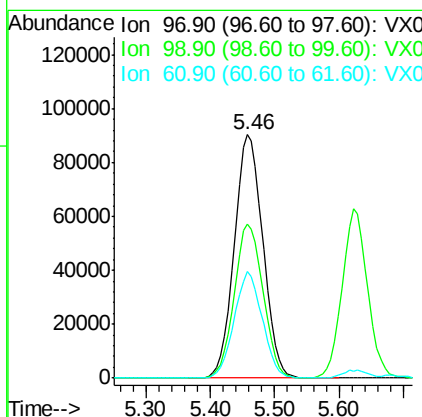
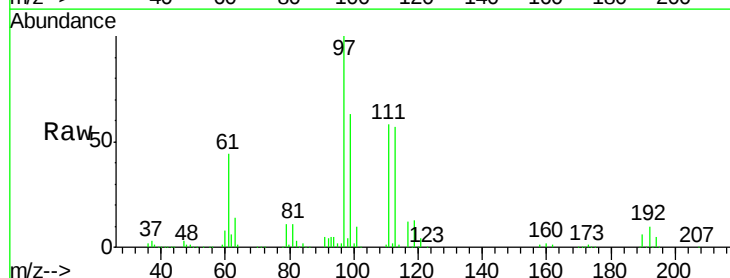
RT: 5.46 min Scan# 717

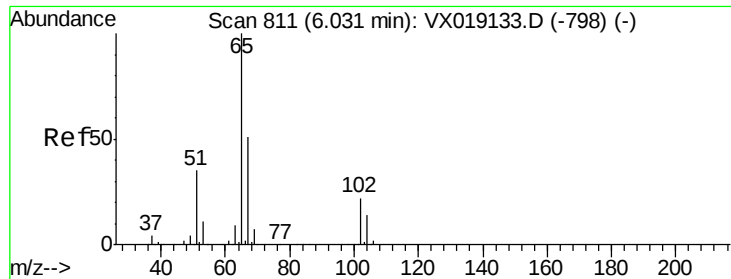
Delta R.T. -0.01 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Tgt Ion:	97	Resp:	277168
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.7	77.5
61	43.1	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 49.471 ug/l

RT: 6.02 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 185854

Ion Ratio Lower Upper

65 100

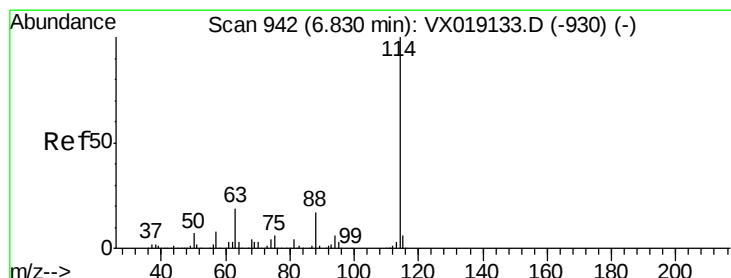
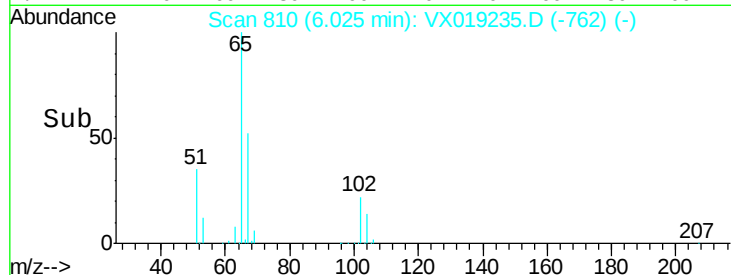
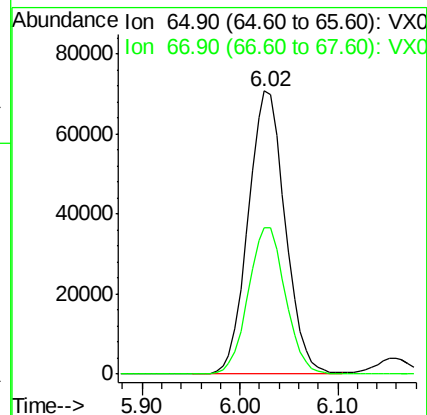
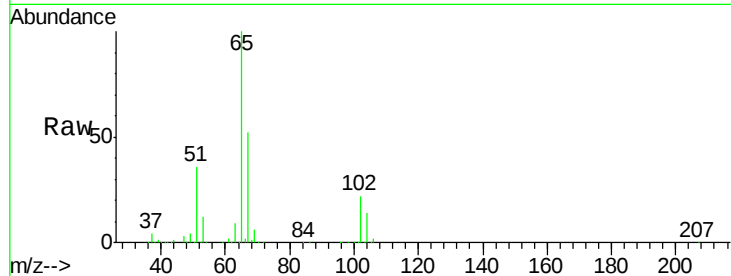
67 52.1 0.0 103.0

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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: VX019235.D

Acq: 03 Nov 2020 15:54

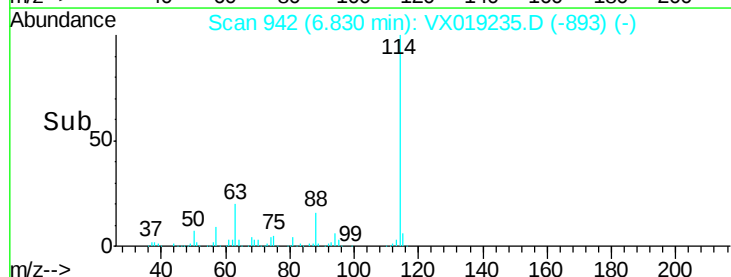
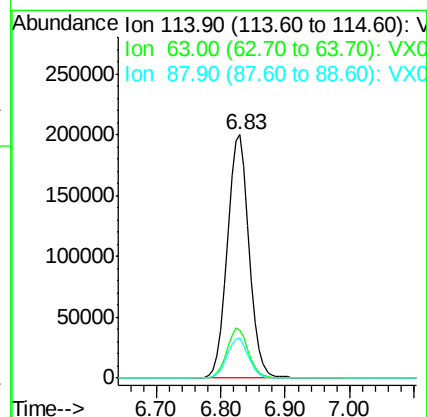
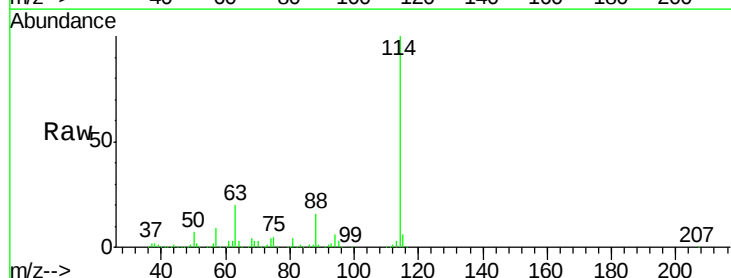
Tgt Ion: 114 Resp: 477048

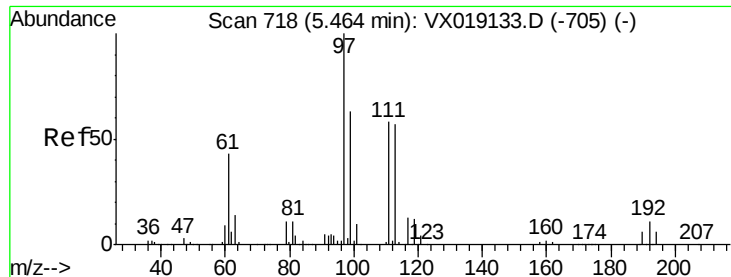
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

88 16.2 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.864 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

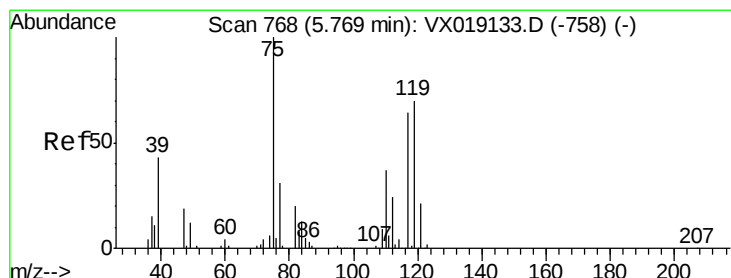
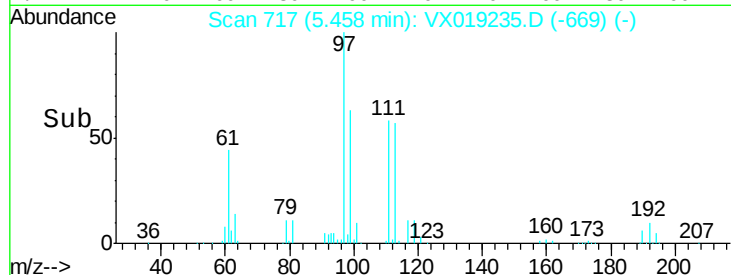
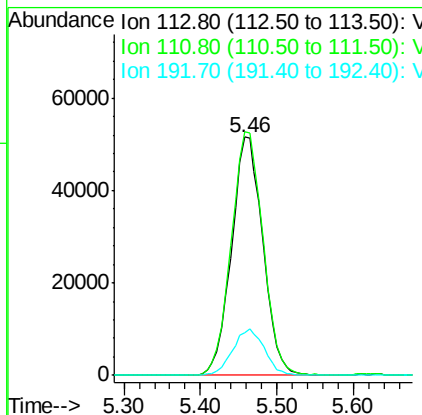
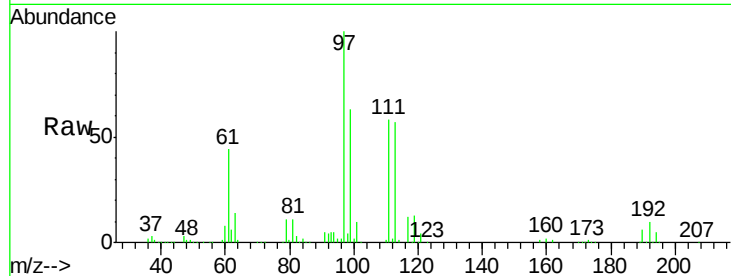
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	146420
Ion Ratio	Lower	Upper	
113	100		
111	103.6	82.3	123.5
192	19.7	16.2	24.2

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#36

1,1-Dichloropropene

Concen: 52.825 ug/l

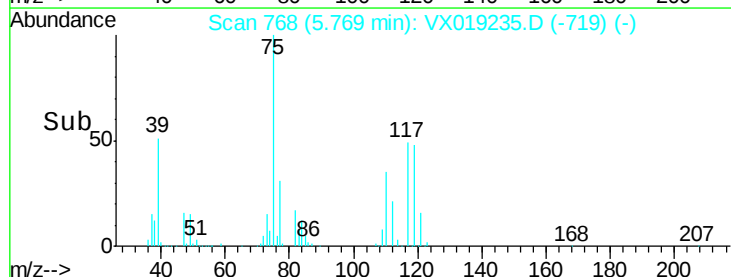
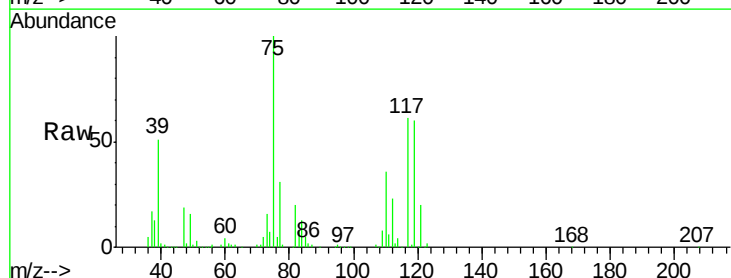
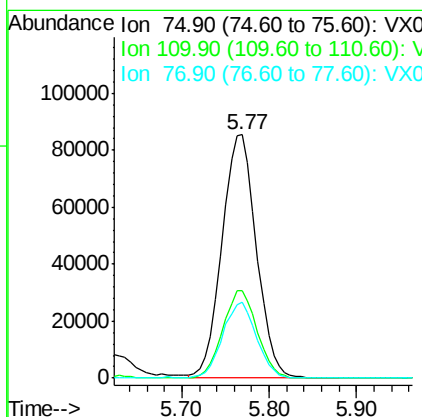
RT: 5.77 min Scan# 768

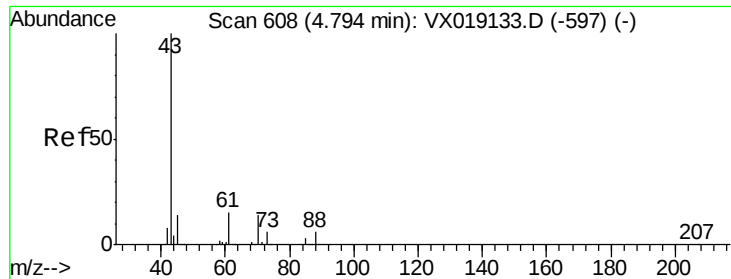
Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Tgt Ion:	75	Resp:	232702
Ion Ratio	Lower	Upper	
75	100		
110	36.1	18.3	54.9
77	30.8	24.9	37.3





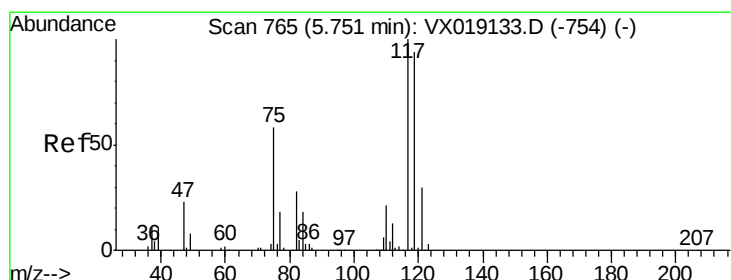
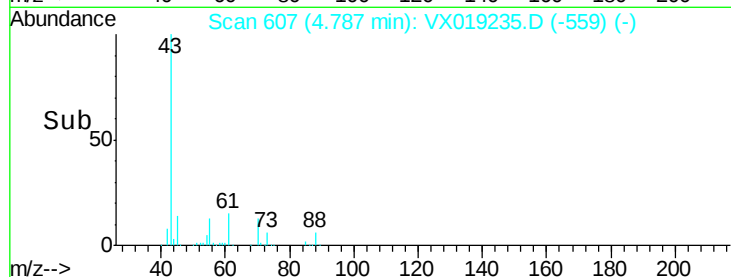
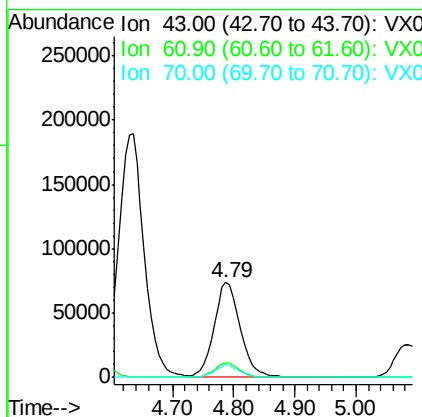
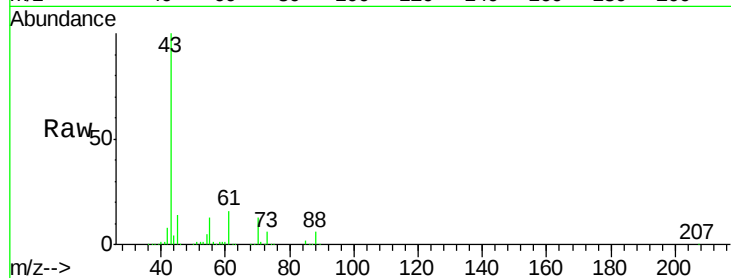
#37
Ethyl Acetate
Concen: 53.661 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.5	18.7
70	12.4	10.5	15.7

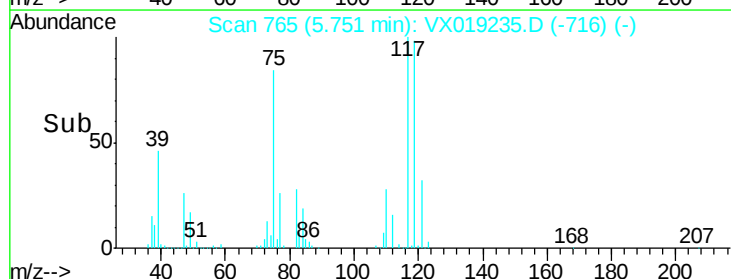
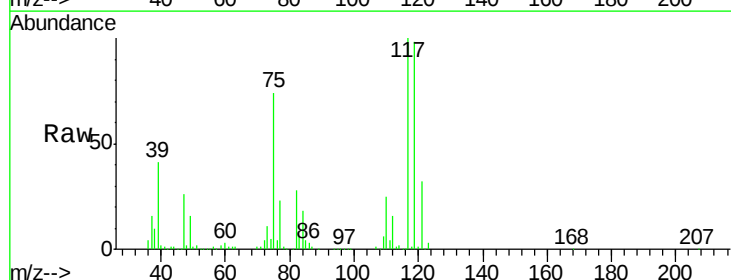
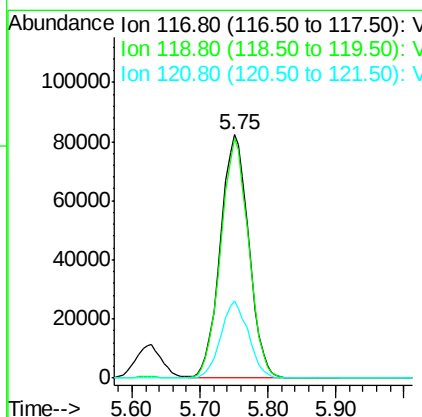
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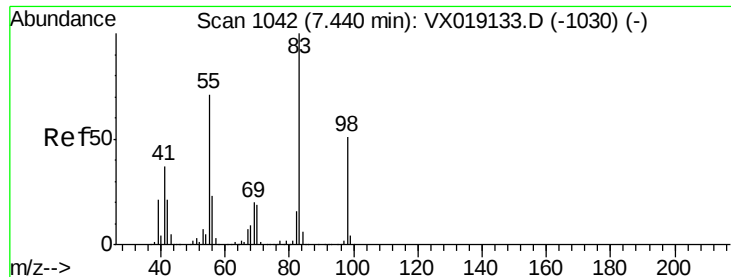
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#38
Carbon Tetrachloride
Concen: 53.226 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	75.0	112.6
121	31.7	23.9	35.9





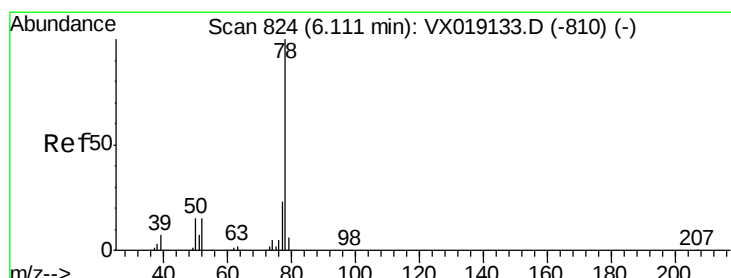
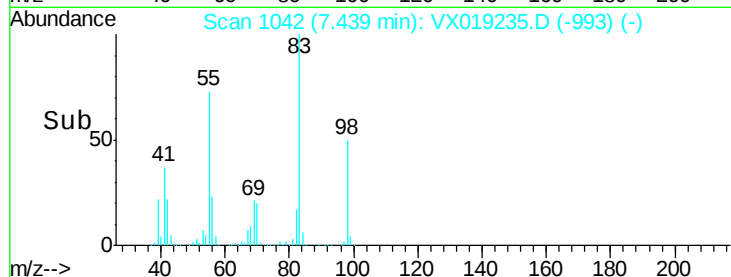
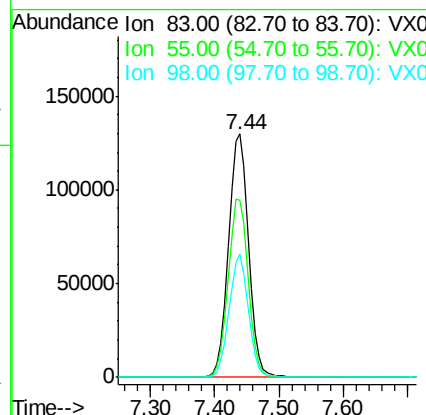
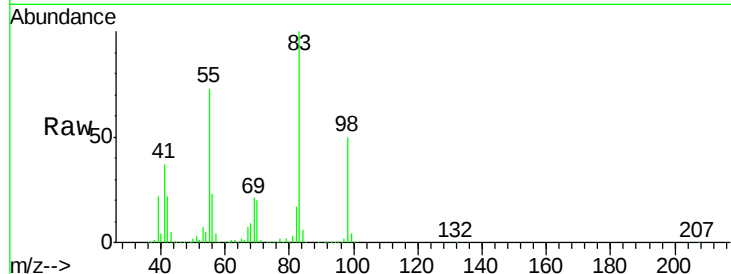
#39
Methvlcvclohexane
Concen: 54.406 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	286572
Ion Ratio	Lower	Upper	
83	100		
55	72.7	57.0	85.6
98	50.4	40.5	60.7

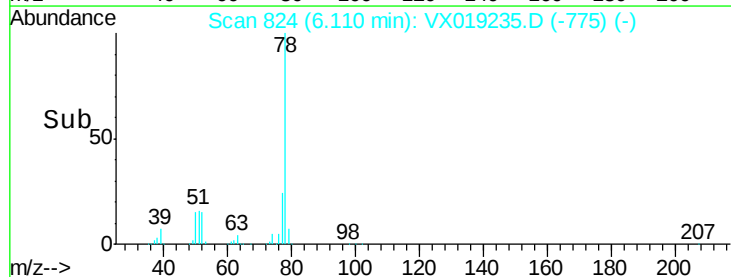
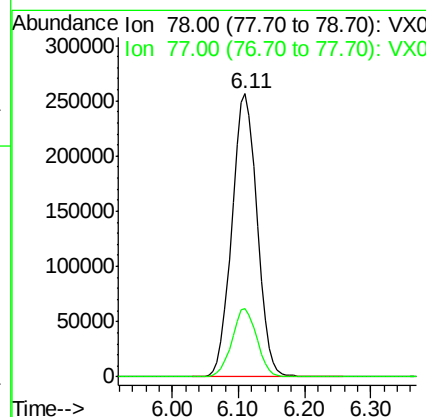
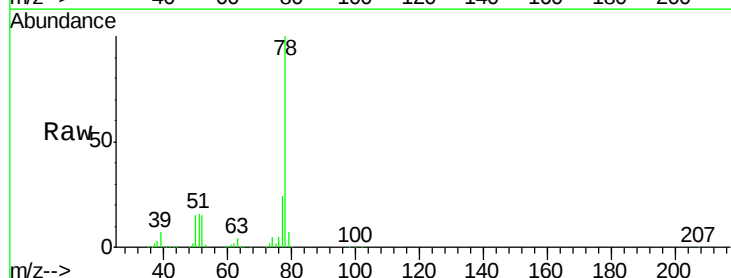
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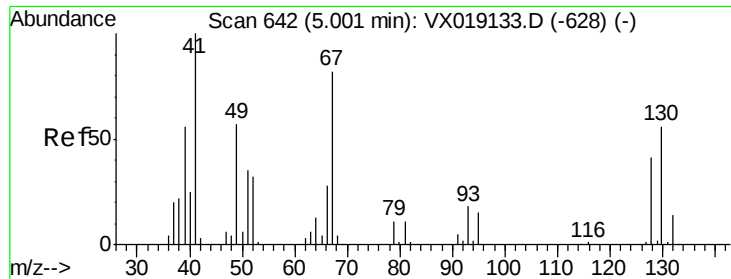
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#40
Benzene
Concen: 54.221 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion	78	Resp	677222
Ion Ratio	Lower	Upper	
78	100		
77	24.0	18.7	28.1





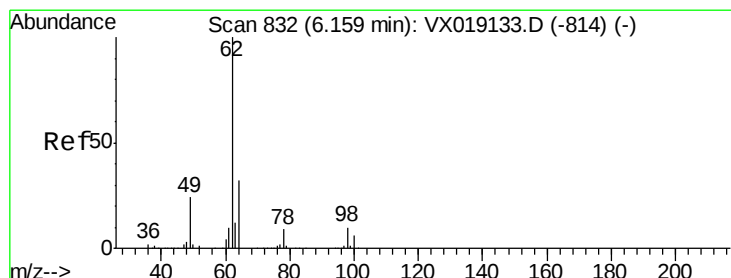
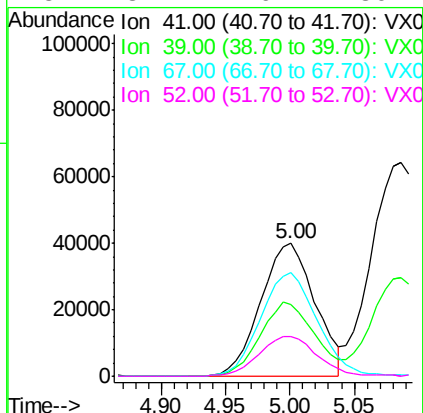
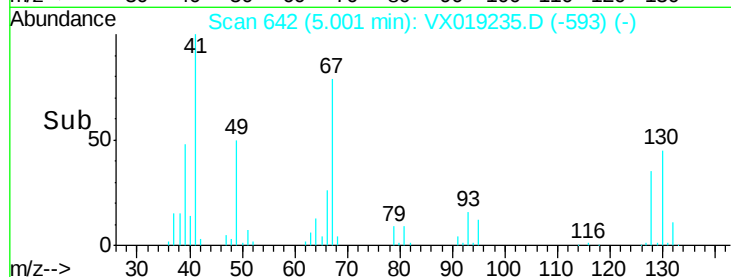
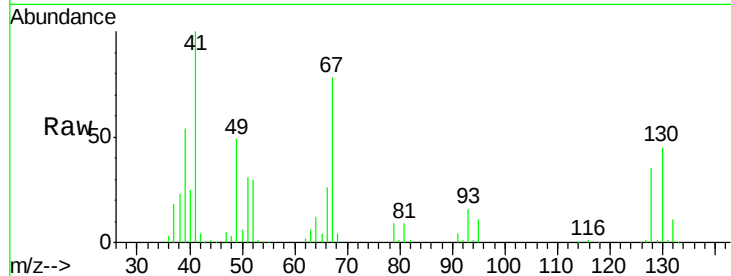
#41
Methacrylonitrile
Concen: 53.090 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	44.4	66.6	
67	82.2	66.4	99.6	
52	32.4	26.2	39.4	

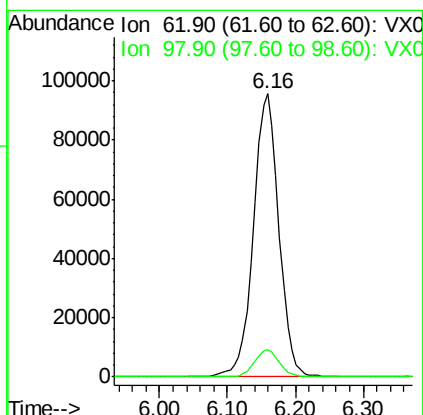
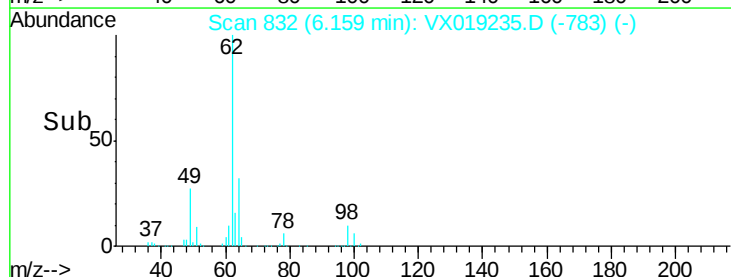
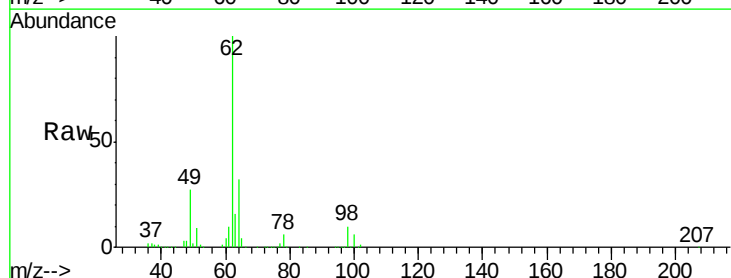
Manual Integrations
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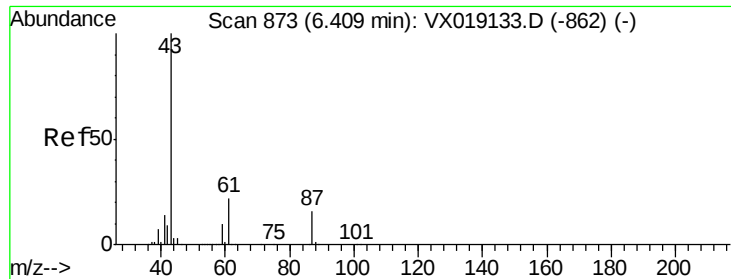
MMDadoda
11/4/2020 11:58:46 AM



#42
1,2-Dichloroethane
Concen: 54.291 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	19.0	





#43

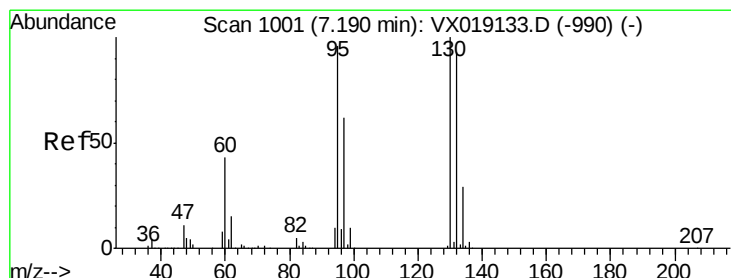
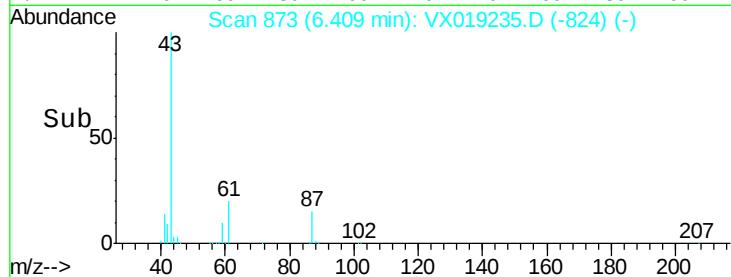
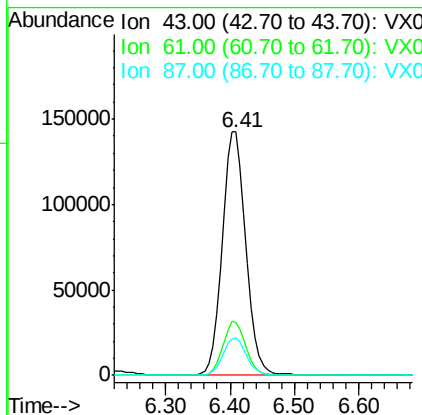
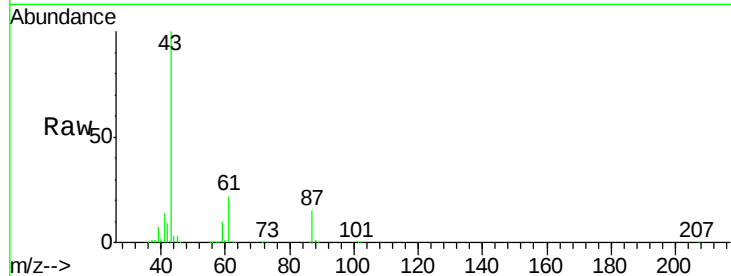
Isopropyl Acetate
 Concen: 53.530 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.8	26.6
87	15.3	12.6	19.0

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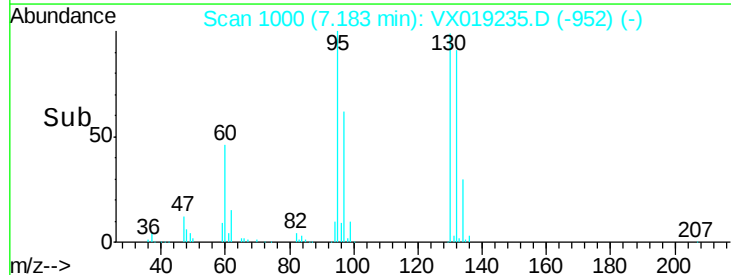
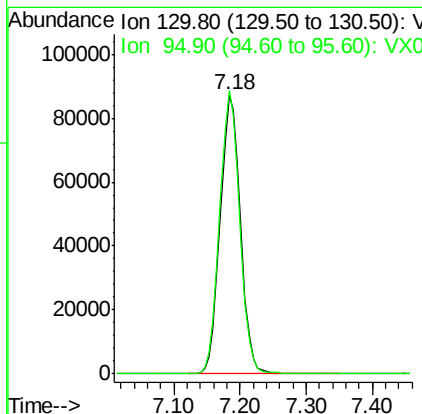
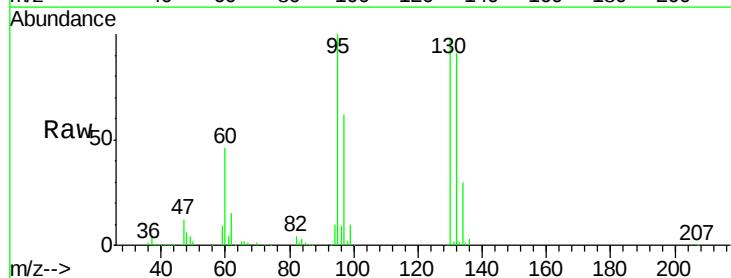
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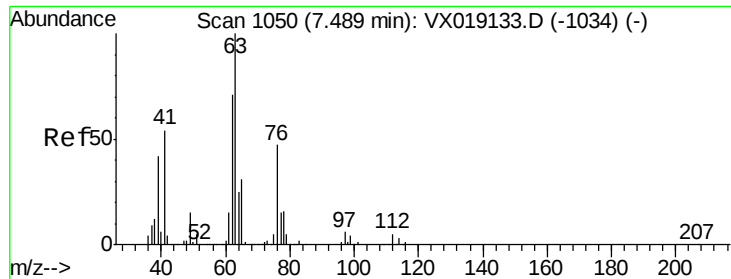


#44

Trichloroethene
 Concen: 51.797 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	192.0





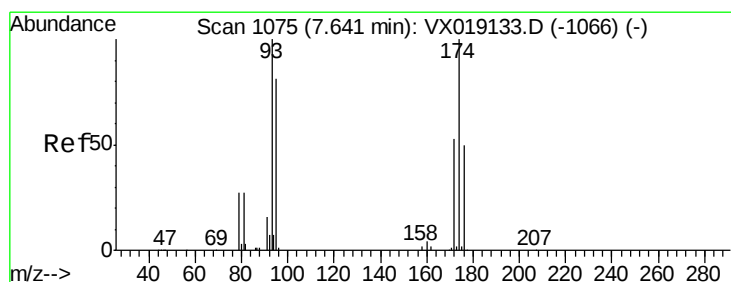
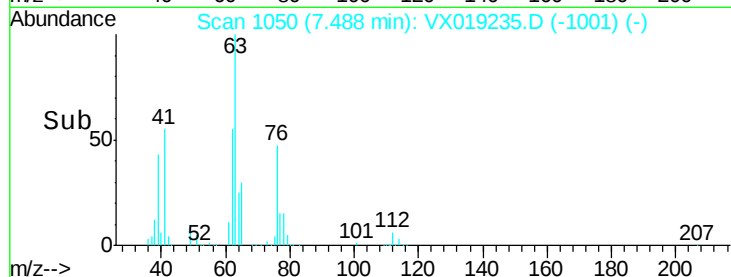
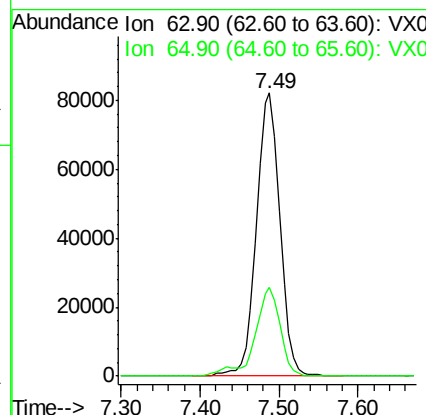
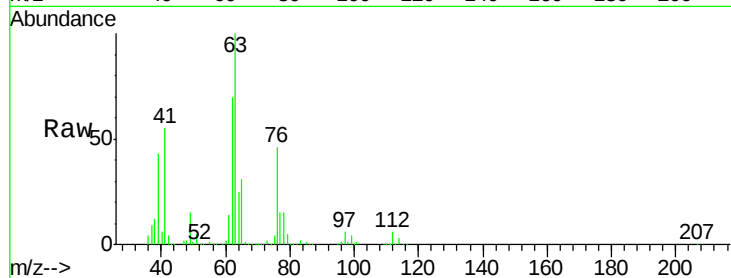
#45
 1,2-Dichloropropane
 Concen: 55.685 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	25.2	37.8

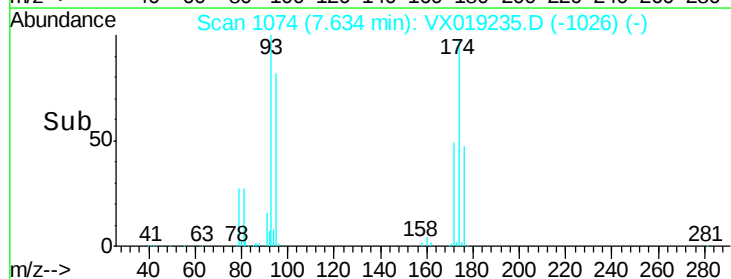
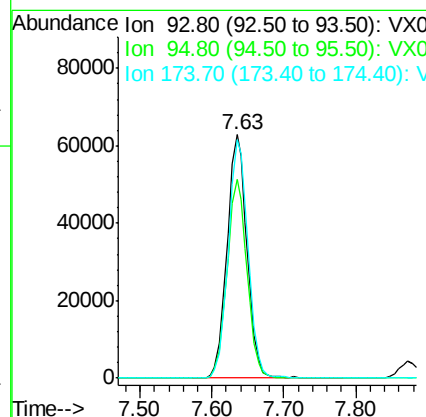
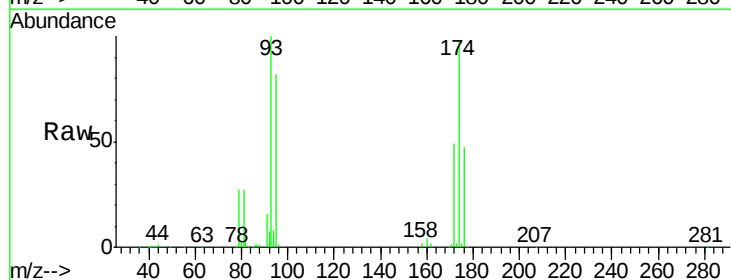
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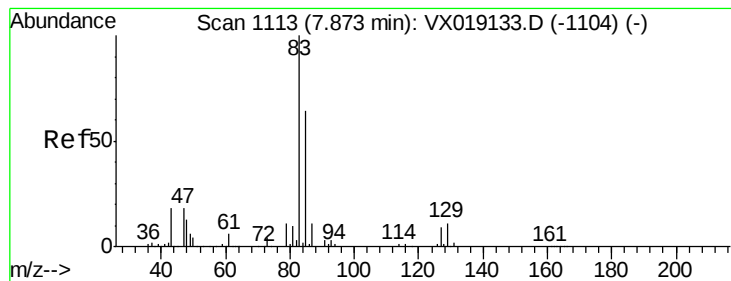
MMDadoda
 11/4/2020 11:58:46 AM



#46
 Dibromomethane
 Concen: 53.428 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	67.0	100.6
174	97.5	81.7	122.5





#47

Bromodichloromethane

Concen: 55.727 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

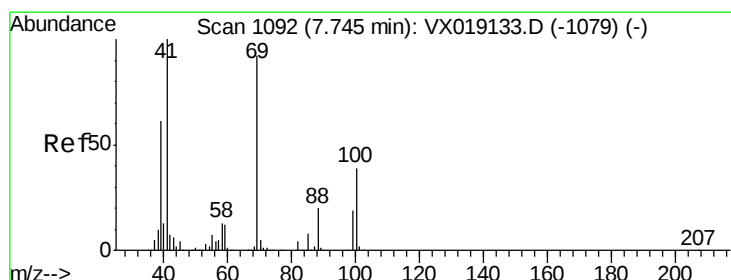
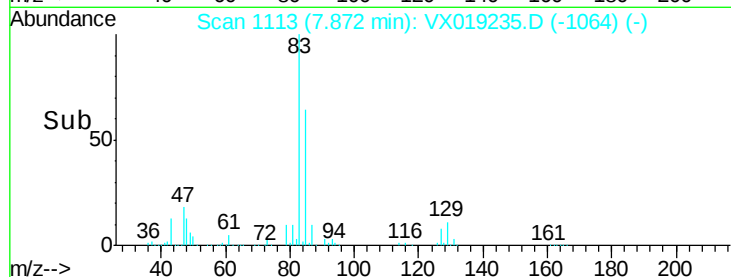
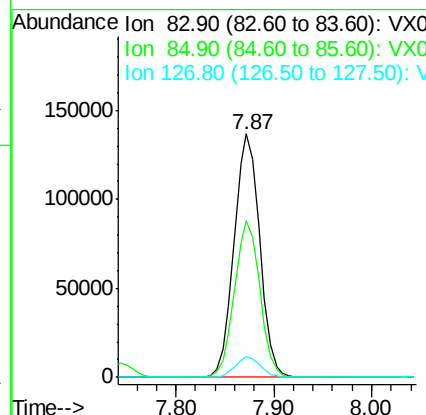
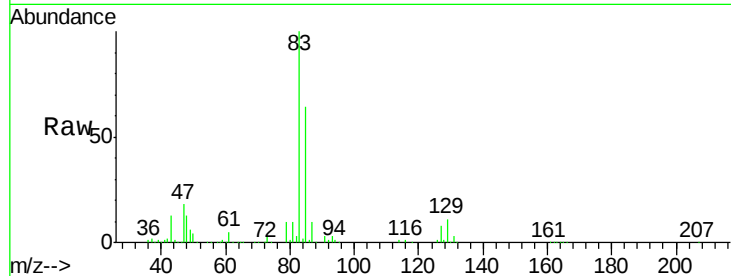
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	248485
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.2	76.8
127	8.3	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.756 ug/l

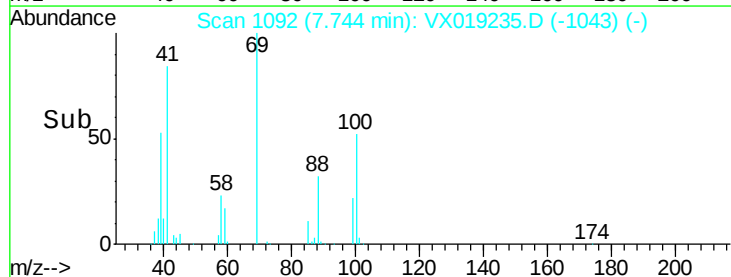
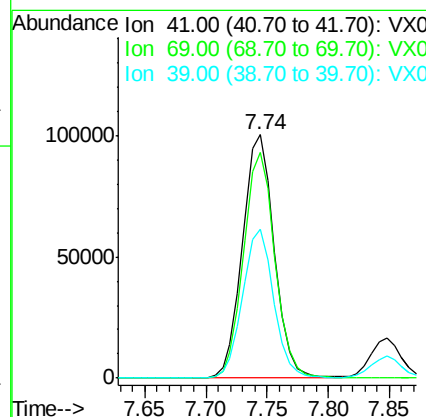
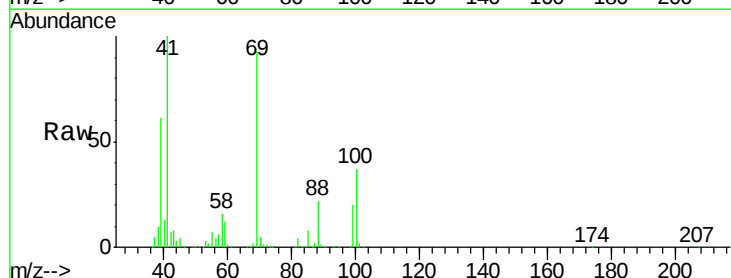
RT: 7.74 min Scan# 1092

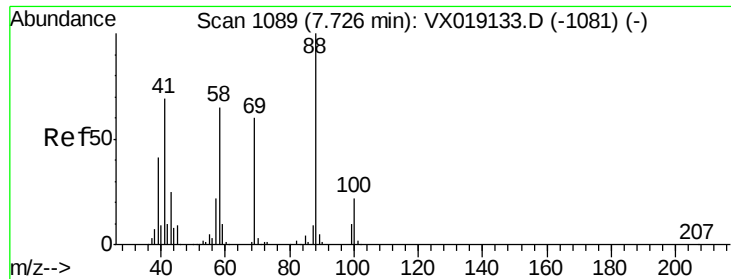
Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Tgt Ion:	41	Resp:	180492
Ion Ratio	Lower	Upper	
41	100		
69	92.4	75.5	113.3
39	60.1	48.9	73.3





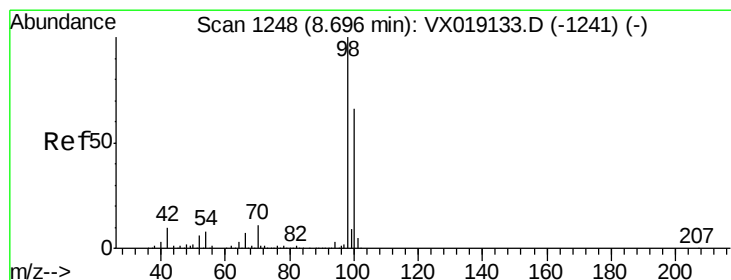
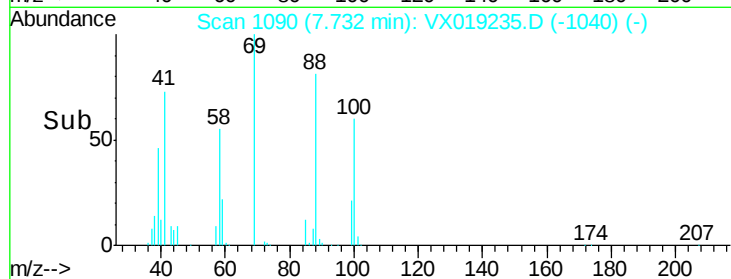
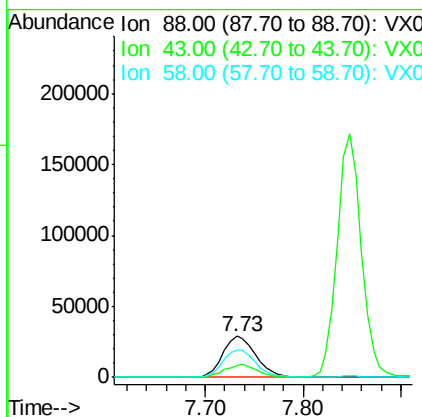
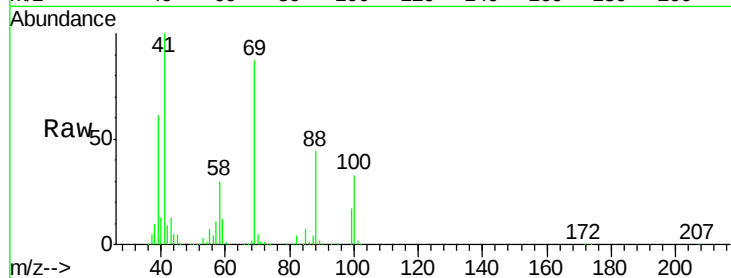
#49
1,4-Dioxane
Concen: 931.484 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	23.0	34.6
58	67.7	52.2	78.2

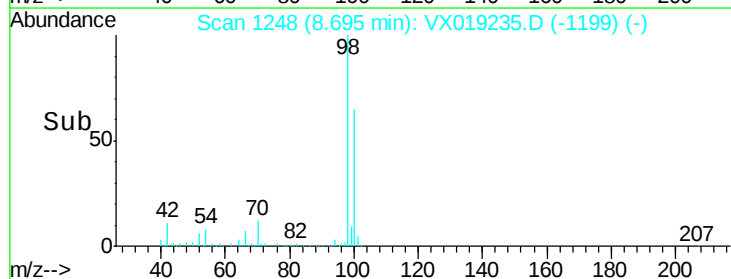
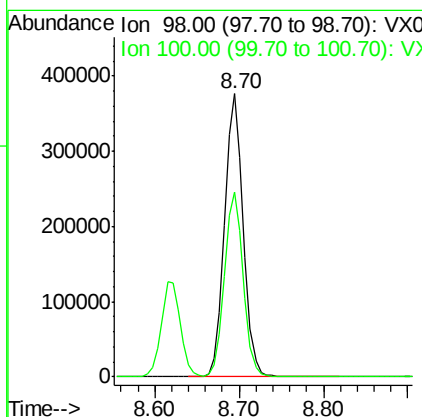
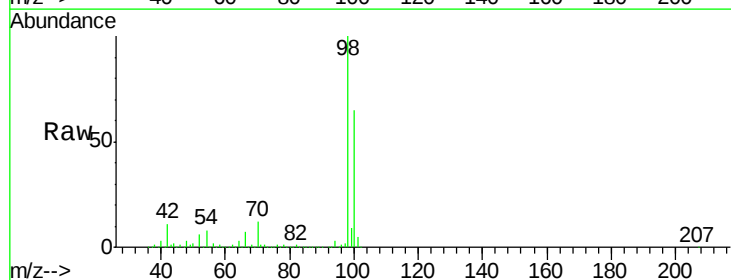
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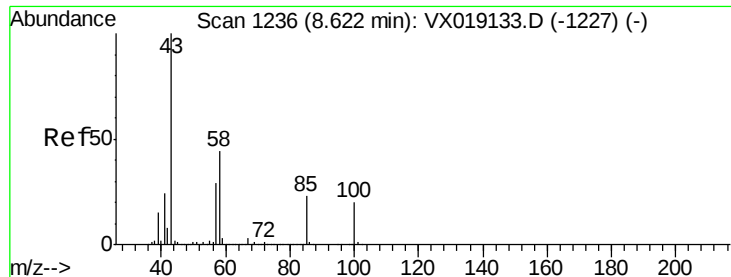
MMDadoda
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#50
Toluene-d8
Concen: 50.720 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 274.106 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1078939

Ion Ratio Lower Upper

43 100

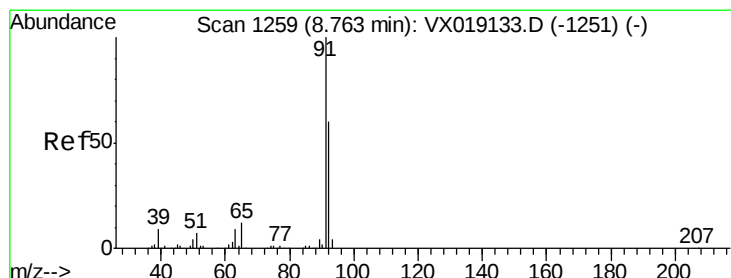
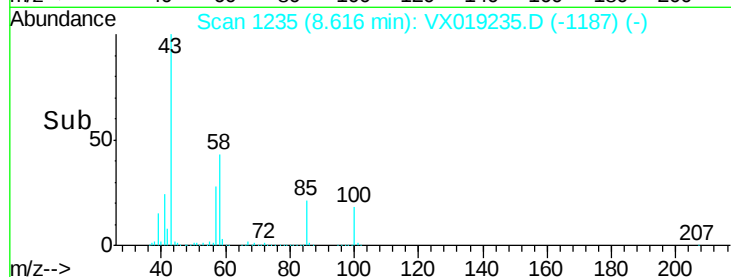
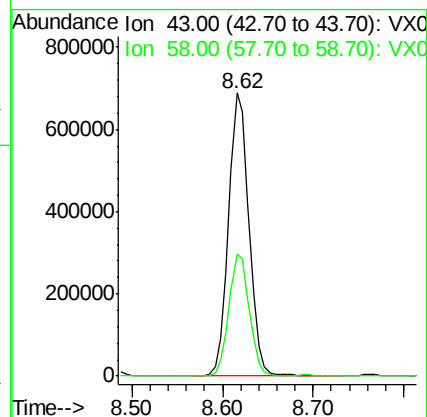
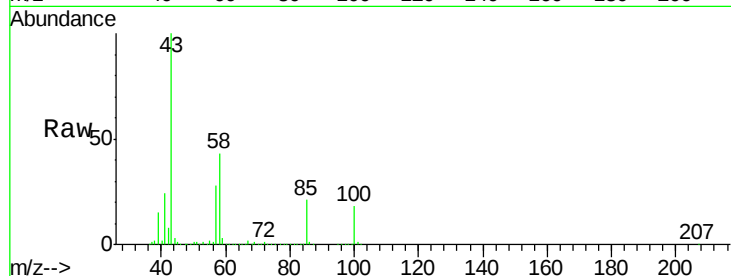
58 43.3 35.0 52.4

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#52

Toluene

Concen: 54.589 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019235.D

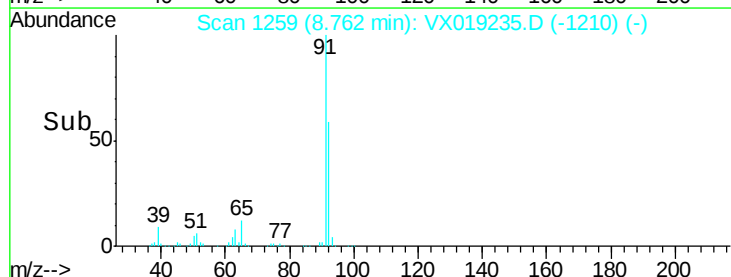
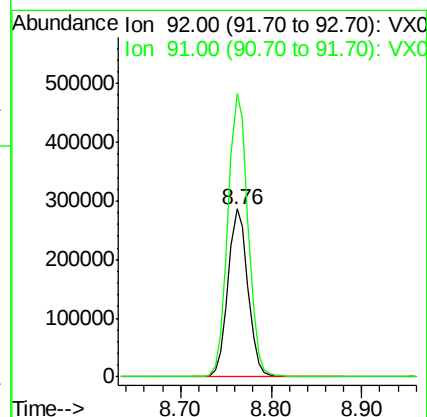
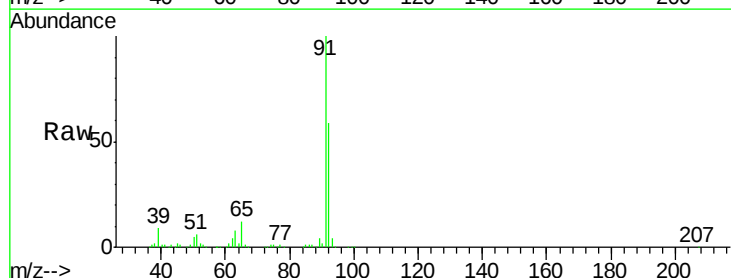
Acq: 03 Nov 2020 15:54

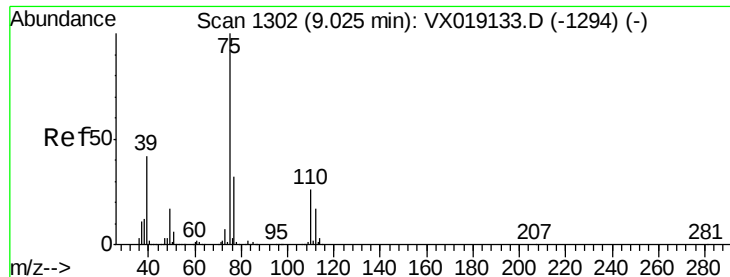
Tgt Ion: 92 Resp: 439139

Ion Ratio Lower Upper

92 100

91 170.1 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 54.550 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 277818

Ion Ratio Lower Upper

75 100

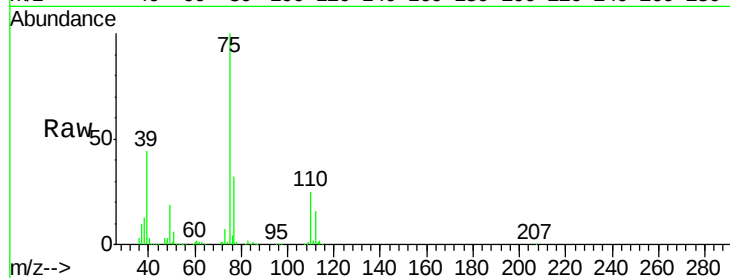
77 31.8 25.4 38.0

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

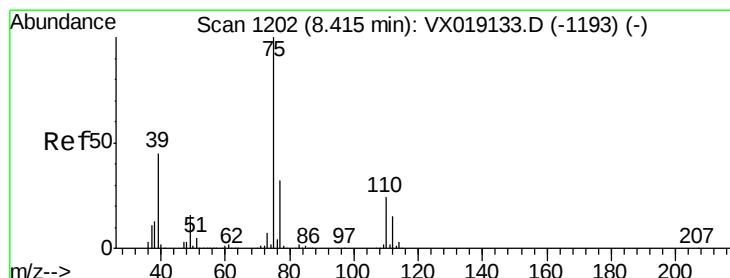
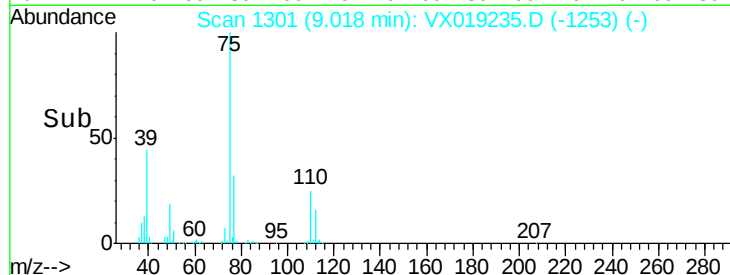
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.747 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

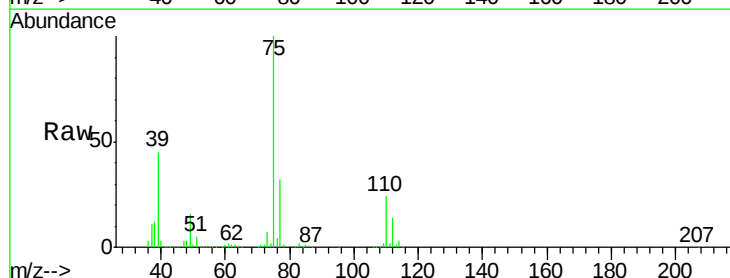
Tgt Ion: 75 Resp: 293196

Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

39 44.5 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

250000

200000

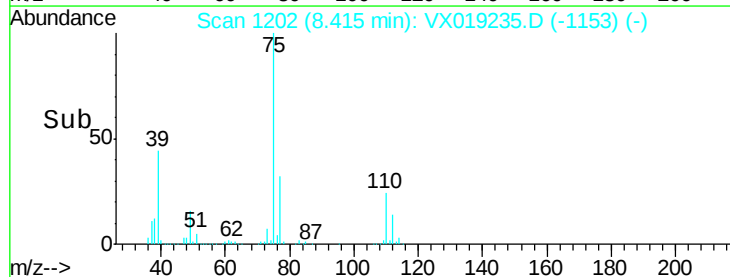
150000

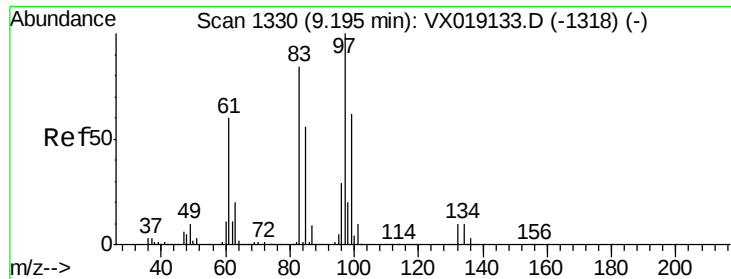
100000

50000

0

Time-->





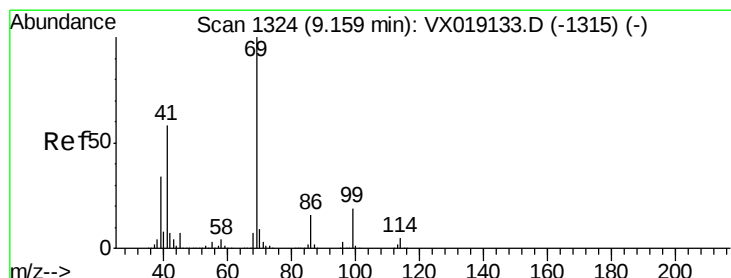
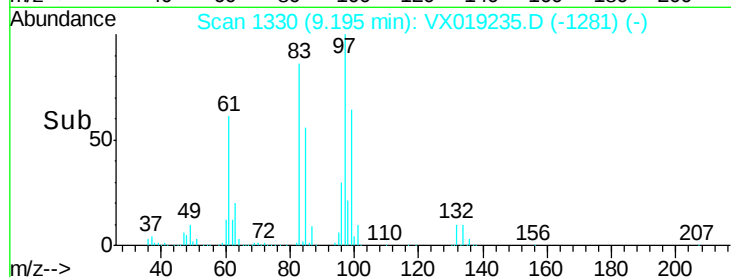
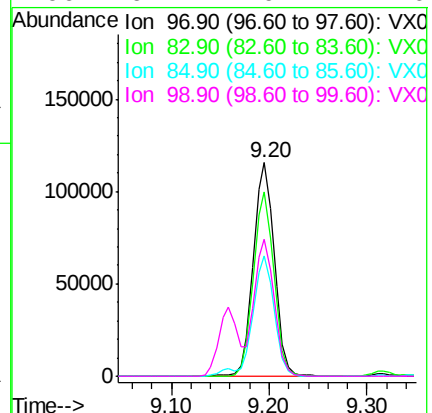
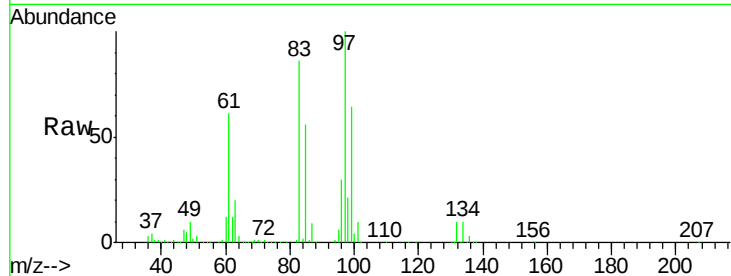
#55
 1,1,2-Trichloroethane
 Concen: 54.222 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	172342
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.2	100.8
85	56.3	44.6	67.0
99	64.2	49.4	74.0

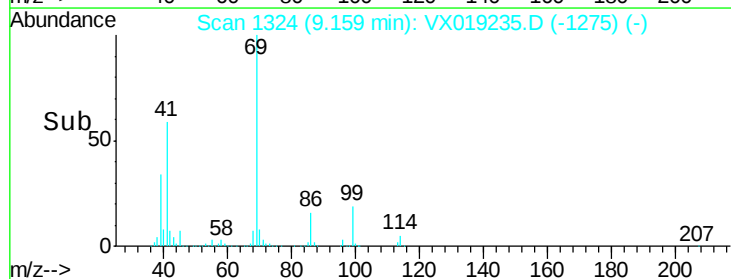
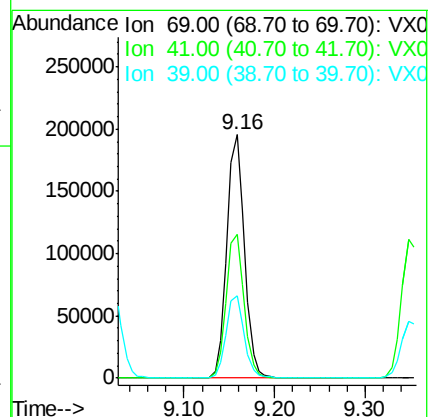
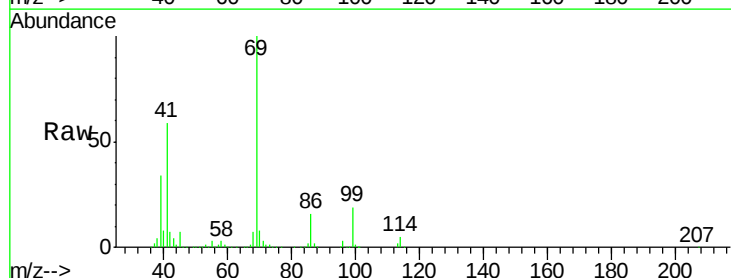
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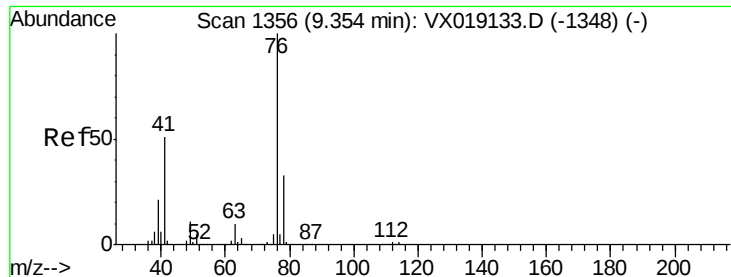
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#56
 Ethyl methacrylate
 Concen: 55.234 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Tgt Ion:	69	Resp:	265174
Ion	Ratio	Lower	Upper
69	100		
41	60.0	46.5	69.7
39	34.8	27.6	41.4





#57

1,3-Dichloropropane

Concen: 55.243 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 296038

Ion Ratio Lower Upper

76 100

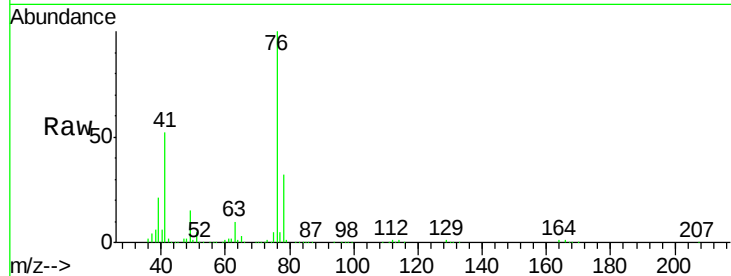
78 32.6 25.9 38.9

Manual Integrations

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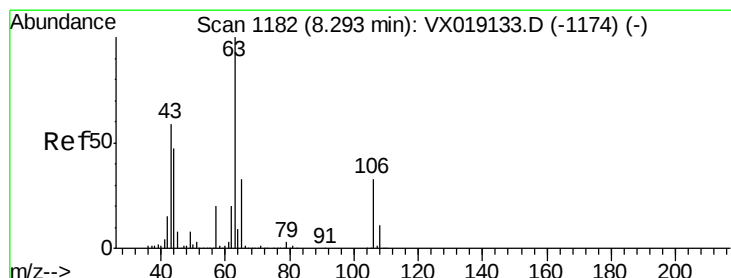
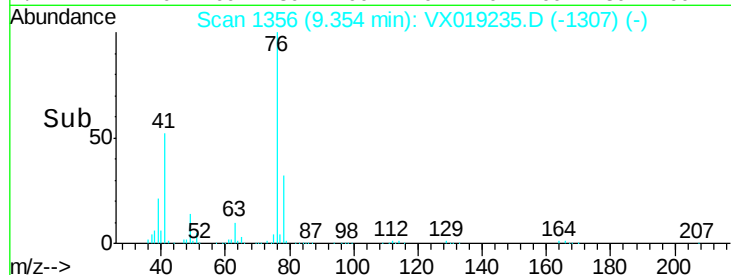
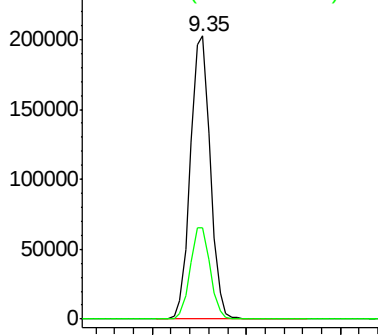
MMDadoda

11/4/2020 11:58:46 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: 271.302 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019235.D

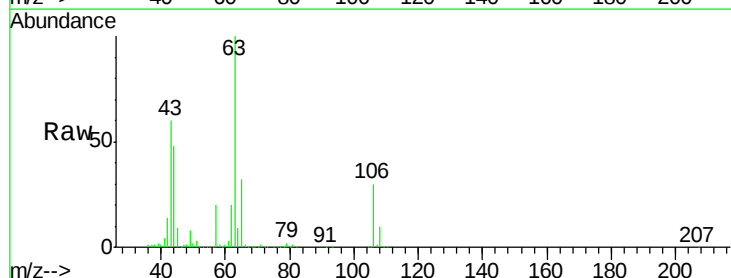
Acq: 03 Nov 2020 15:54

Tgt Ion: 63 Resp: 728434

Ion Ratio Lower Upper

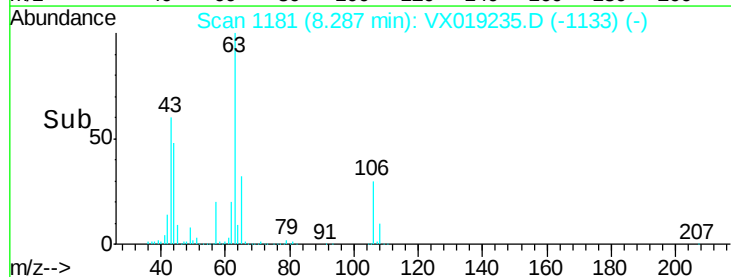
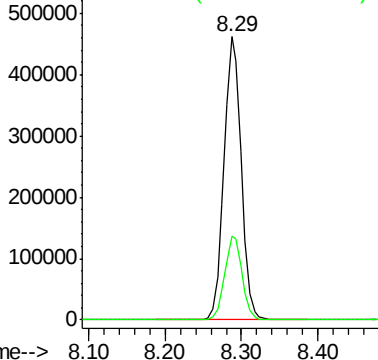
63 100

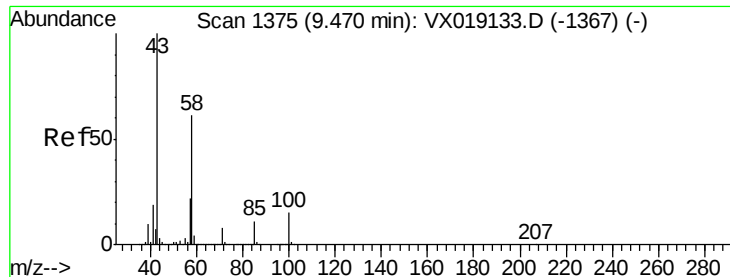
106 29.9 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





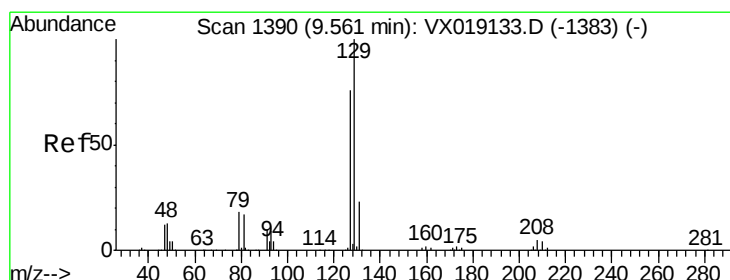
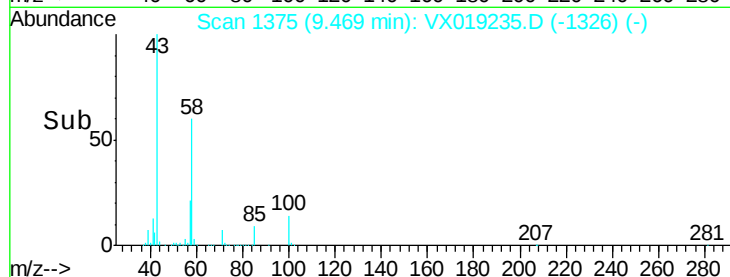
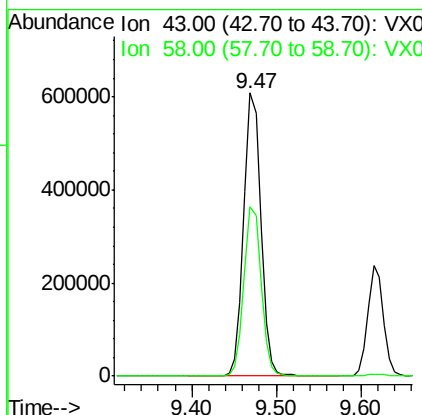
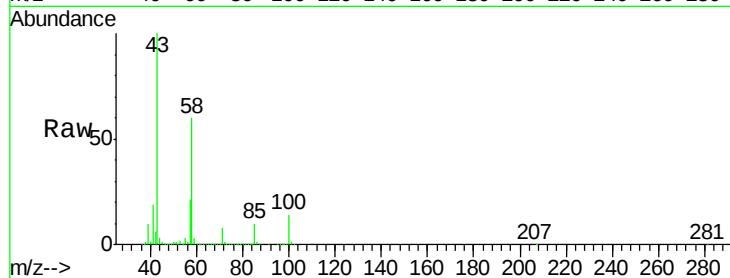
#59
2-Hexanone
Concen: 275.781 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.1	30.5	91.5

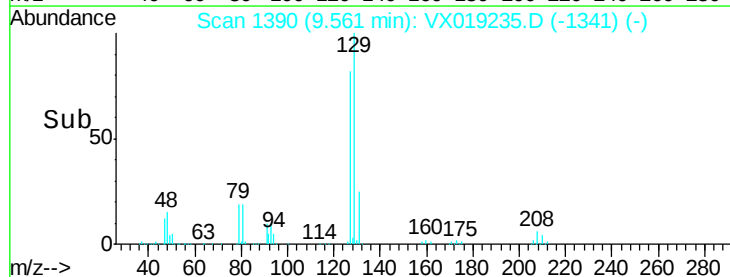
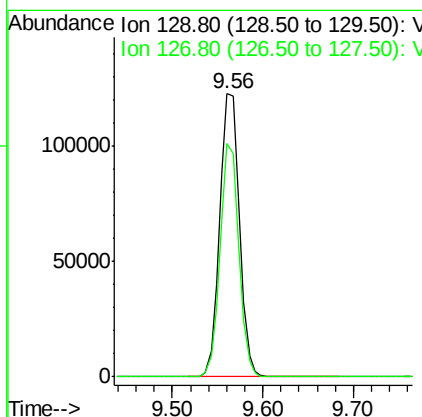
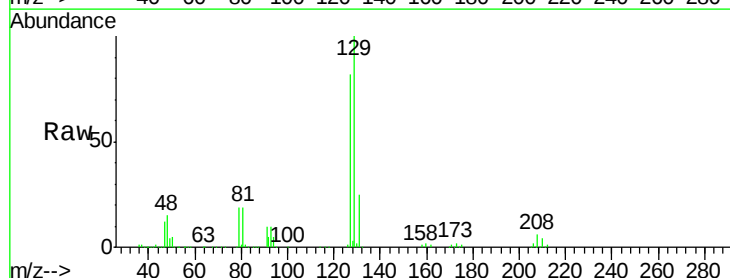
Manual Integrations
APPROVED

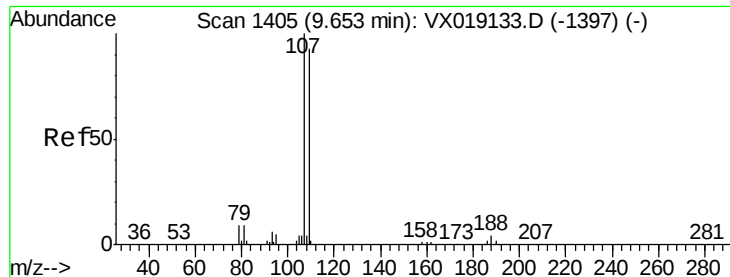
MMDadoda
11/4/2020 11:58:46 AM



#60
Dibromochloromethane
Concen: 54.017 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.6	38.6	115.8





#61

1,2-Dibromoethane

Concen: 53.792 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

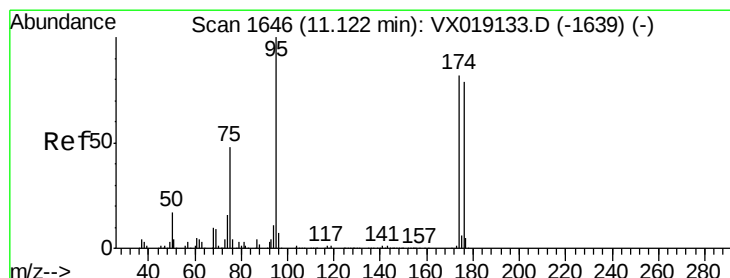
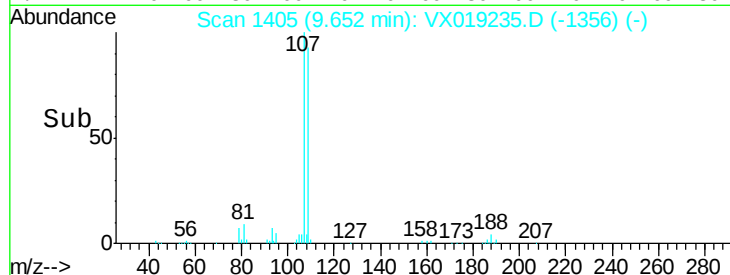
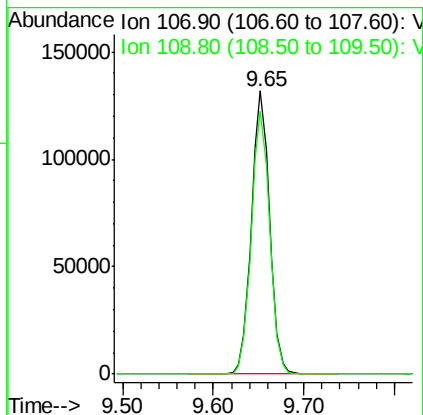
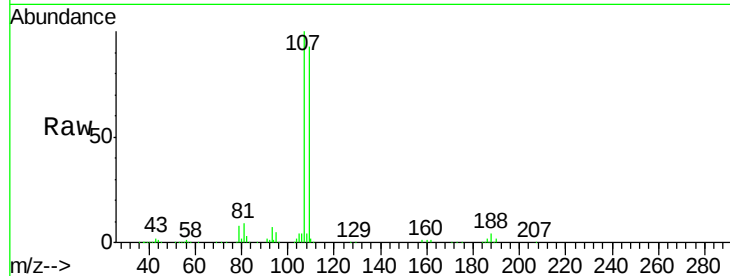
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	182831		
109	94.1	75.9	113.9	

Manual Integrations
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MMDadoda
11/4/2020 11:58:46 AM



#62

4-Bromofluorobenzene

Concen: 47.259 ug/l

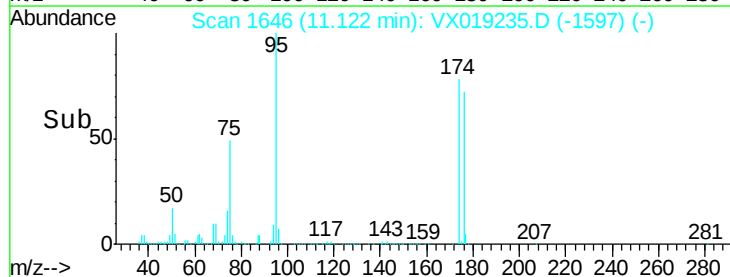
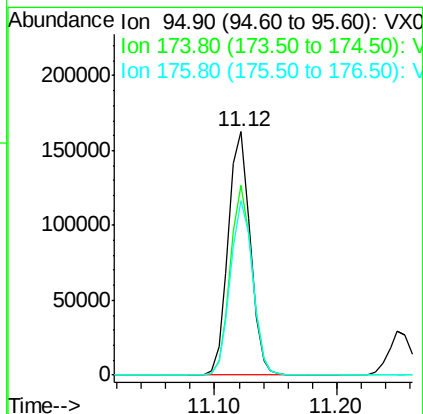
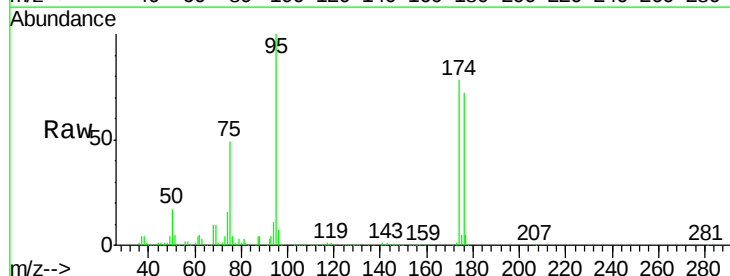
RT: 11.12 min Scan# 1646

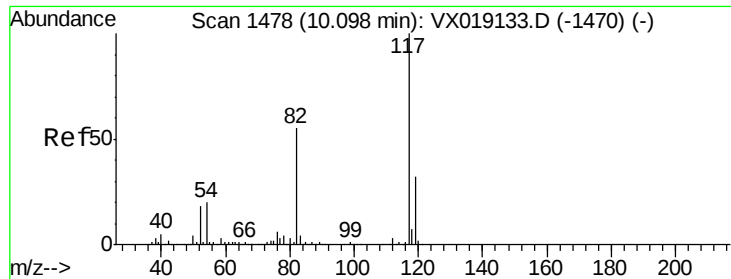
Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	202163		
174	77.0	0.0	156.0	
176	72.5	0.0	149.8	





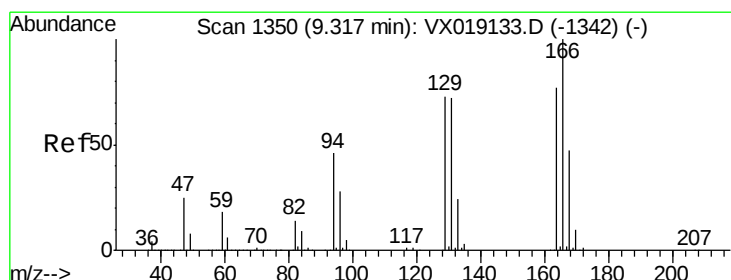
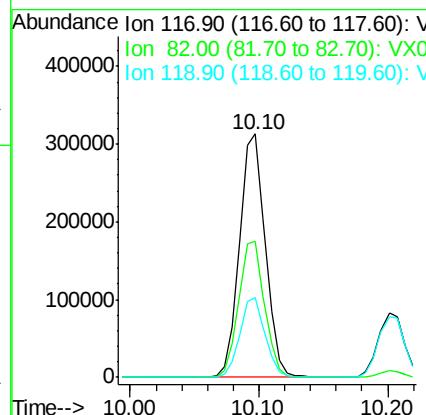
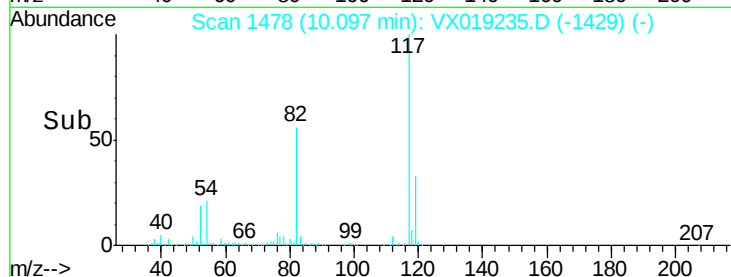
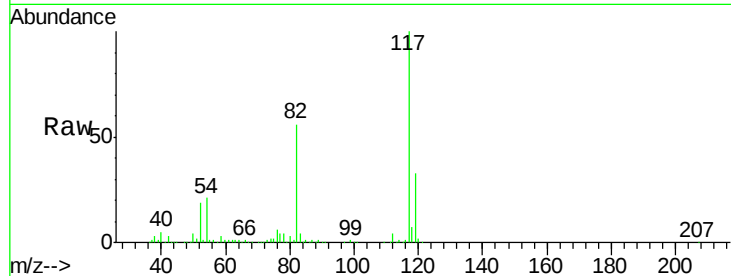
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	435921		
82	55.8	43.6	65.4	
119	32.6	25.5	38.3	

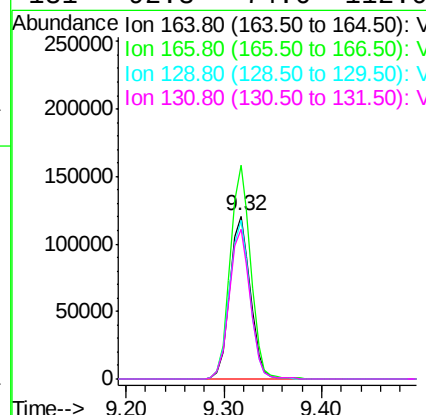
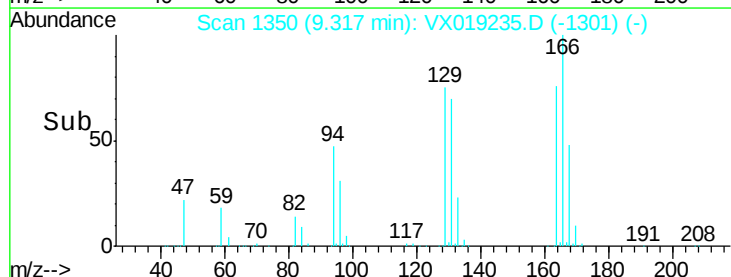
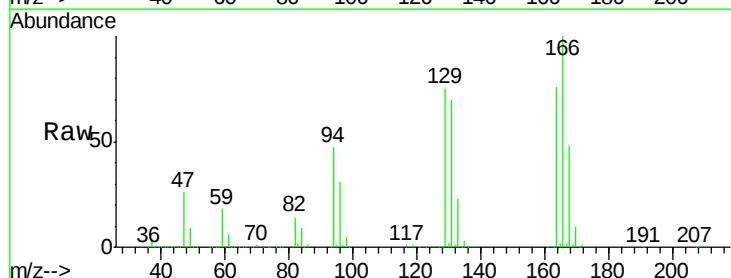
Manual Integrations
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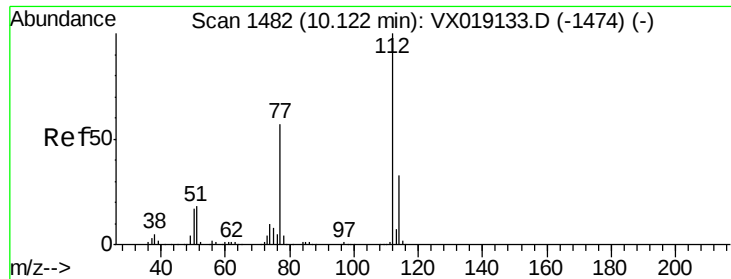
MMDadoda
11/4/2020 11:58:46 AM



#64
Tetrachloroethene
Concen: 53.153 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	176535		
166	131.1	104.1	156.1	
129	97.7	76.2	114.4	
131	92.3	74.6	112.0	





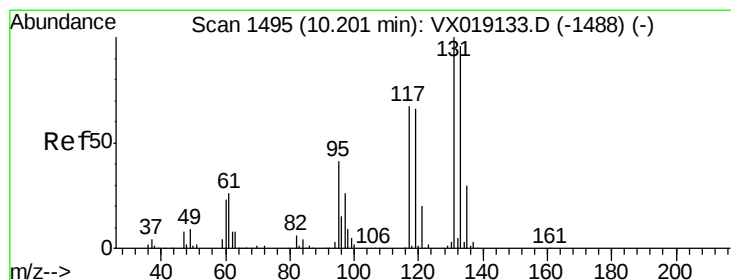
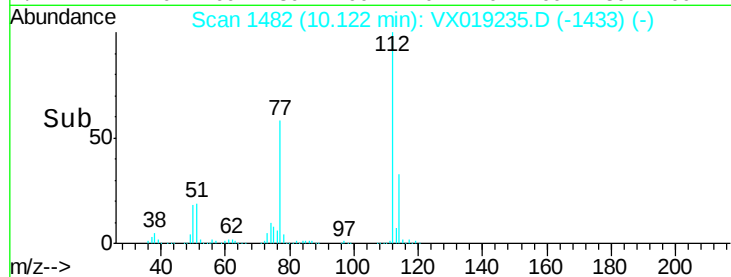
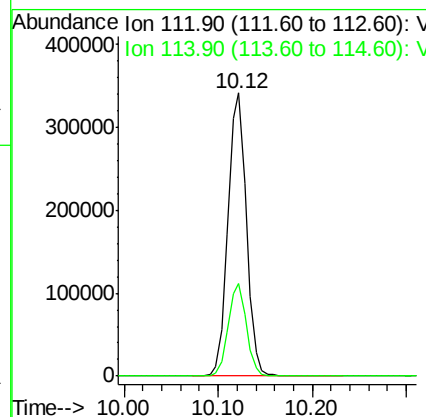
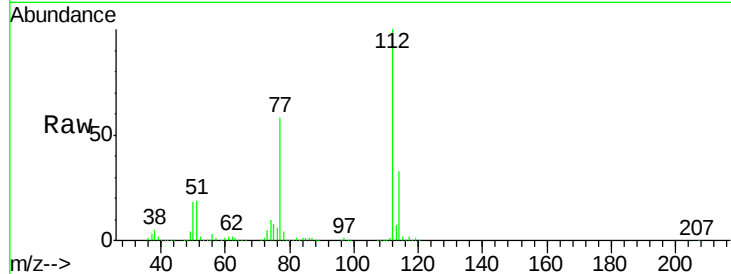
#65
Chlorobenzene
Concen: 51.890 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.1	39.1

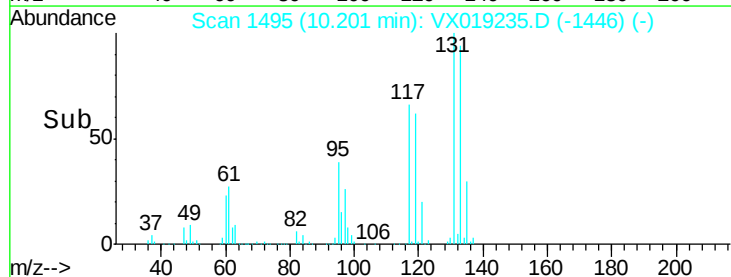
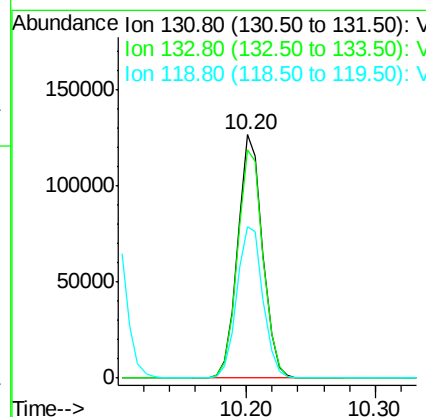
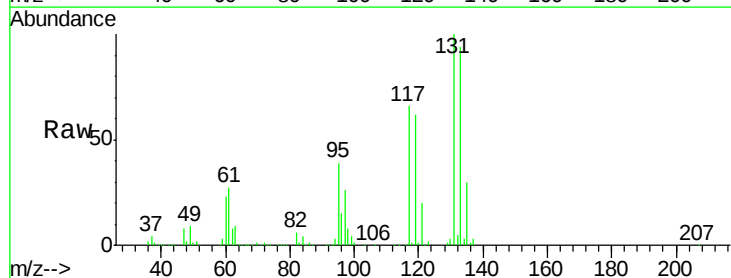
Manual Integrations
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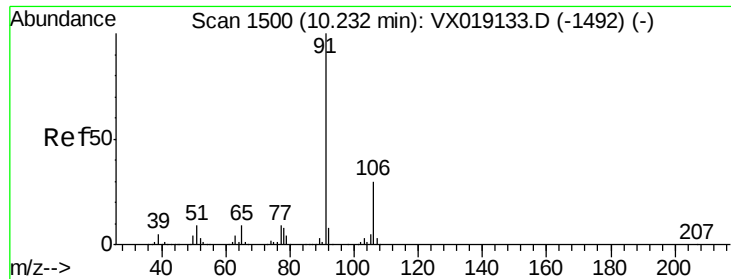
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.084 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.3	141.8
119	65.2	32.3	96.9





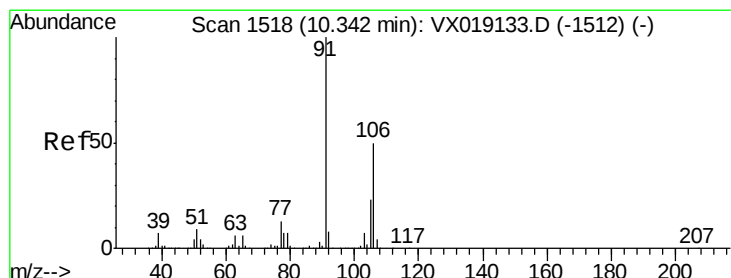
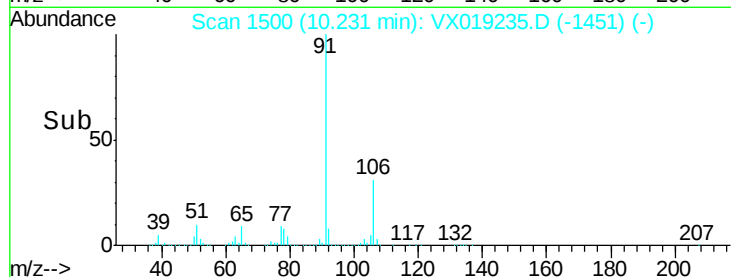
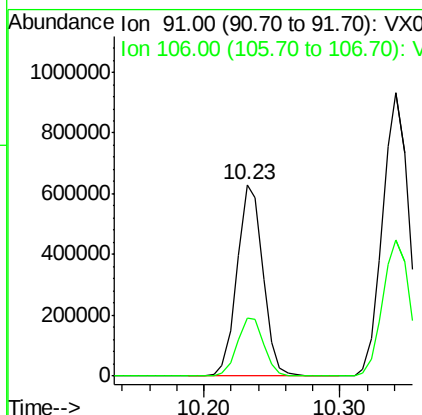
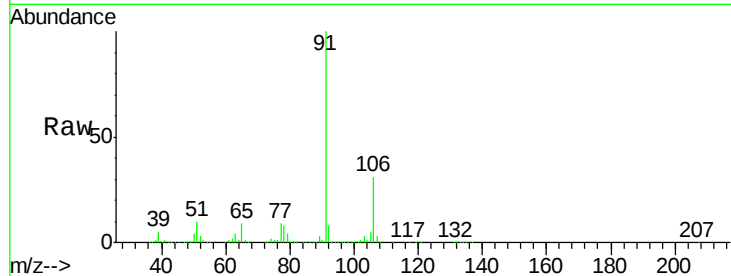
#67
Ethyl Benzene
Concen: 52.554 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.3	36.5

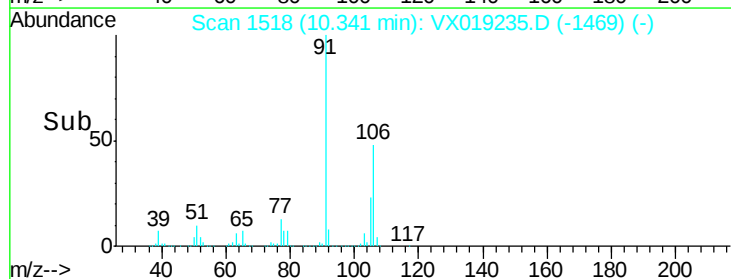
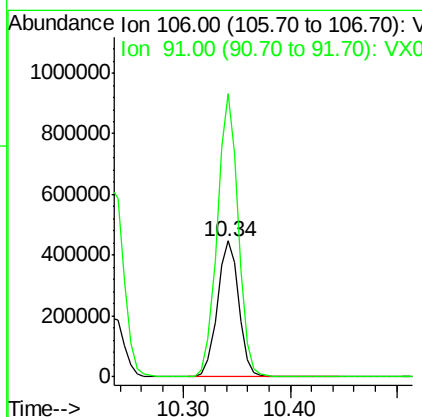
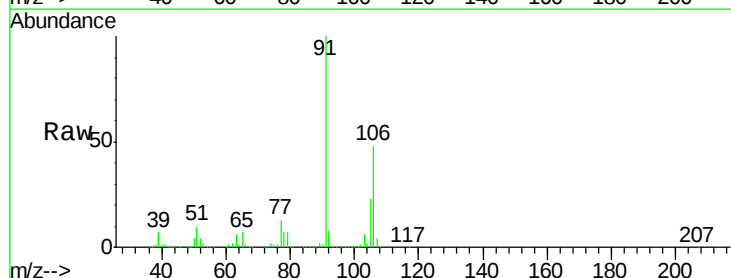
Manual Integrations
APPROVED

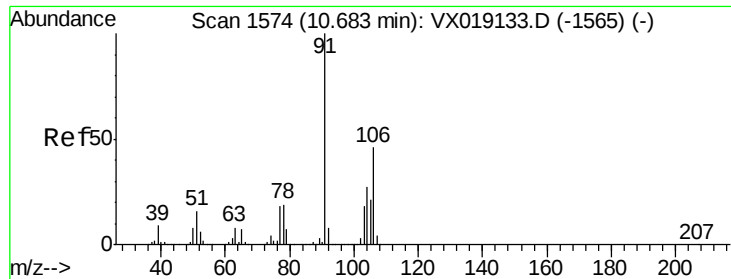
MMDadoda
11/4/2020 11:58:46 AM



#68
m/p-Xylenes
Concen: 104.189 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
106	100		
91	204.0	161.0	241.4





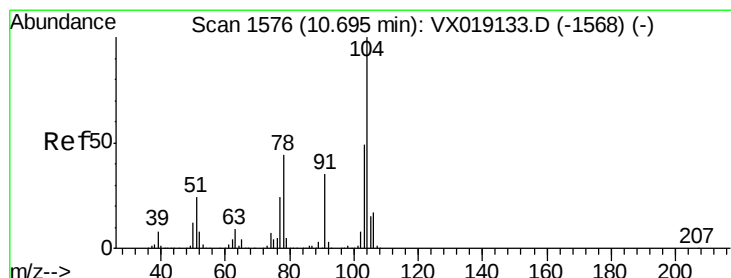
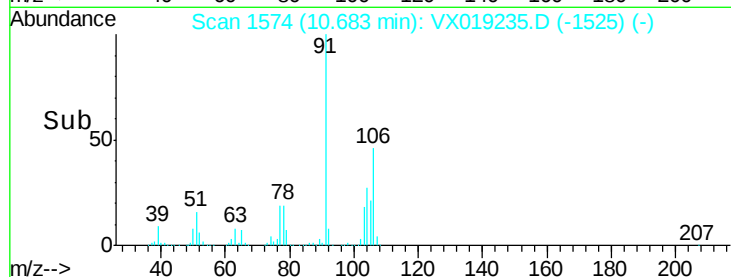
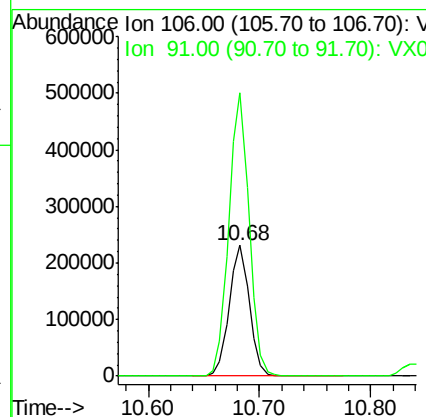
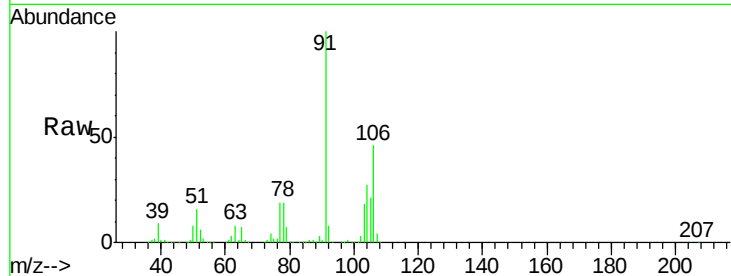
#69
o-Xylene
Concen: 51.539 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		291288		
91	216.7	108.3	324.8		

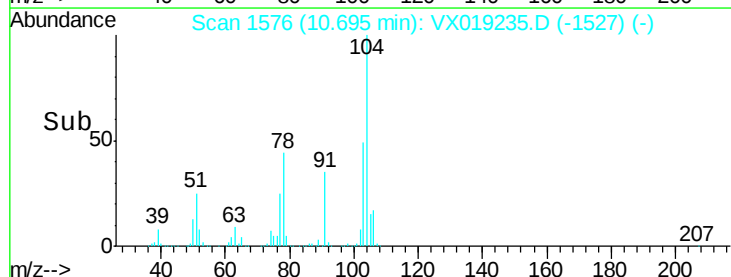
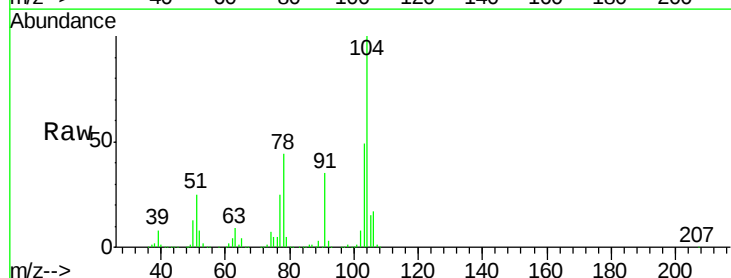
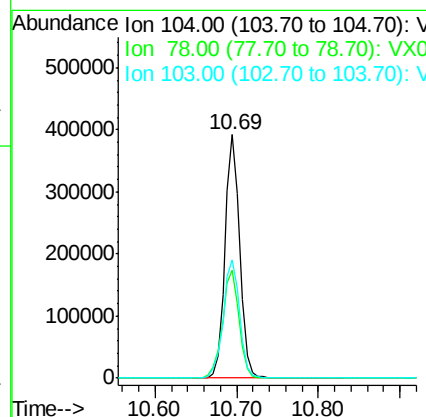
Manual Integrations
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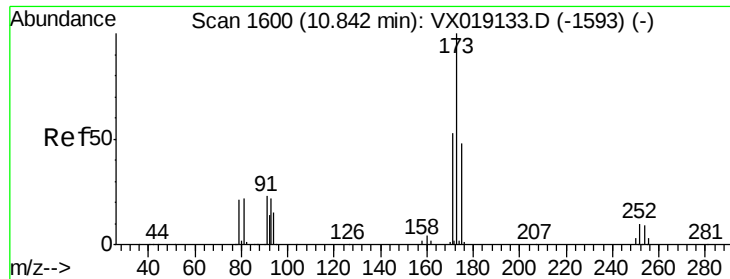
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#70
Styrene
Concen: 51.460 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		496243		
78	50.4	40.0	60.0		
103	54.3	43.5	65.3		





#71

Bromoform

Concen: 47.778 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 121506

Ion Ratio Lower Upper

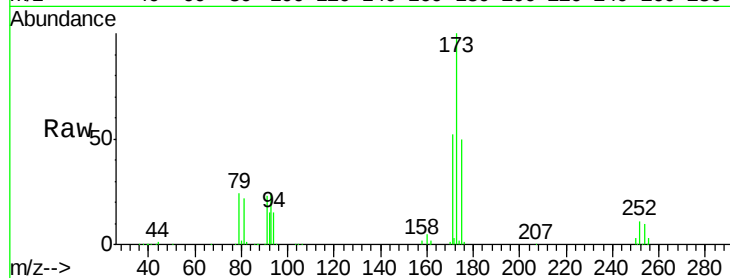
173 100

175 49.6 24.4 73.4

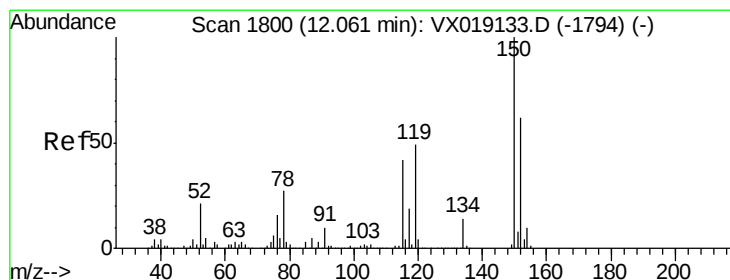
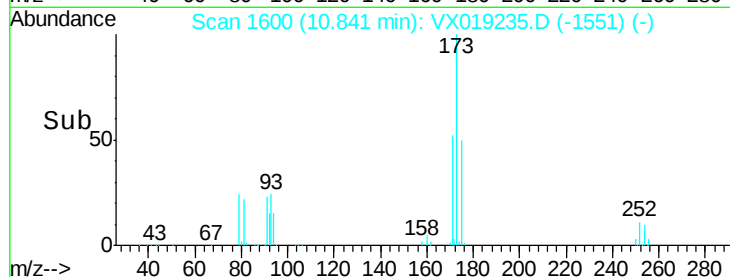
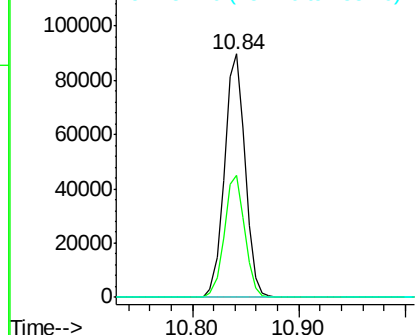
254 0.1 0.1 0.1#

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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: VX019235.D

Acq: 03 Nov 2020 15:54

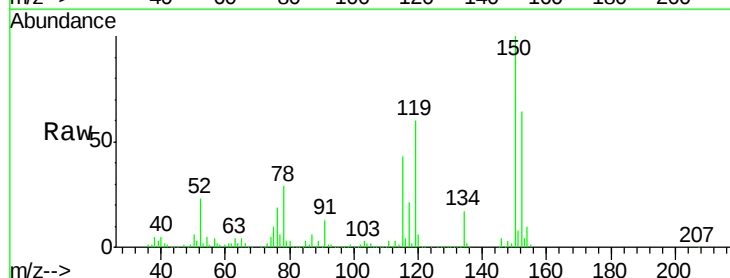
Tgt Ion:152 Resp: 199739

Ion Ratio Lower Upper

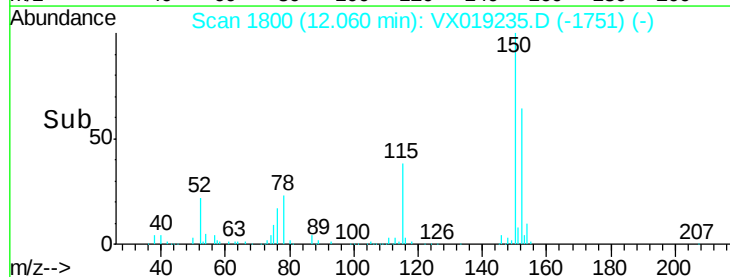
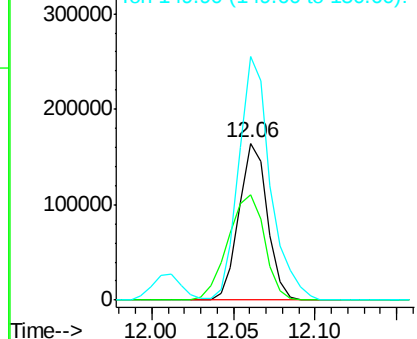
152 100

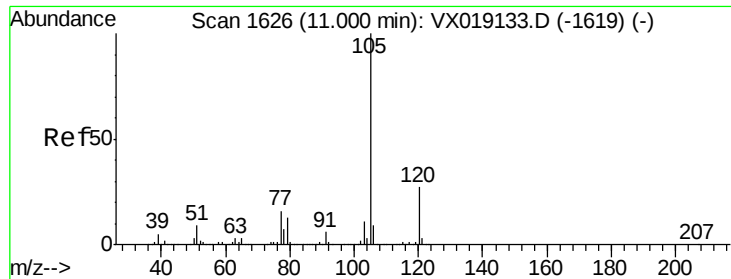
115 86.8 41.9 125.7

150 172.4 0.0 347.8



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





#73

Isopropylbenzene

Concen: 56.778 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 802762

Ion Ratio Lower Upper

105 100

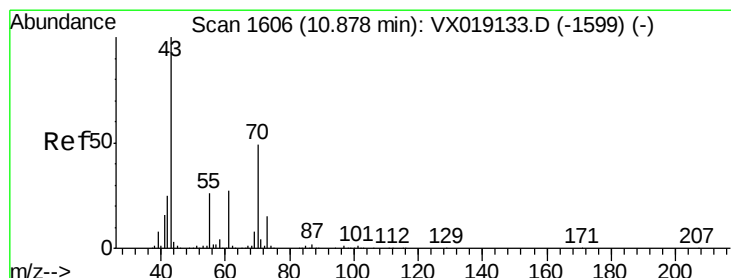
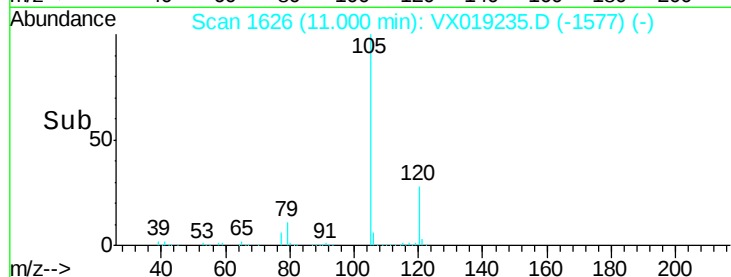
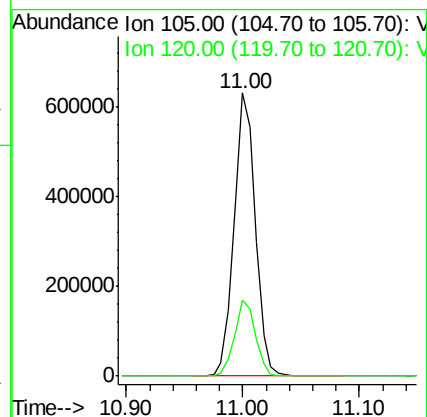
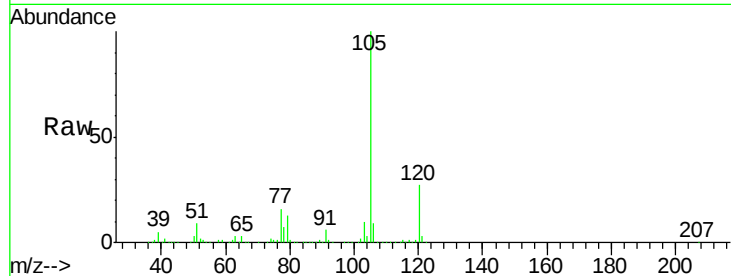
120 26.5 13.3 39.8

Manual Integrations

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11/4/2020 11:58:46 AM



#74

N-ethyl acetate

Concen: 55.685 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Tgt Ion: 43 Resp: 287861

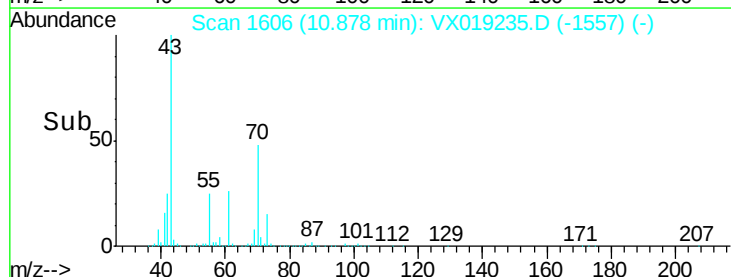
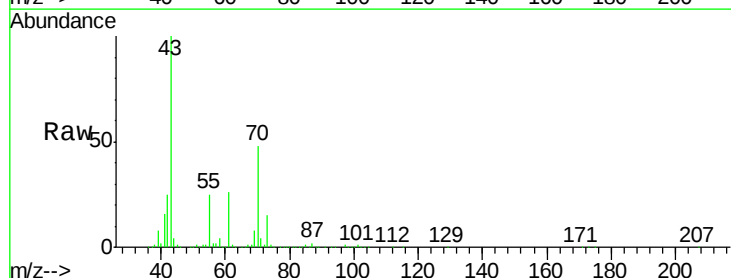
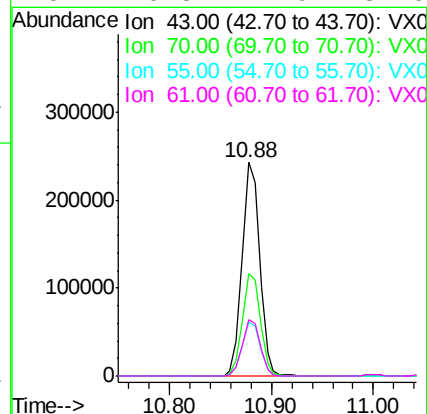
Ion Ratio Lower Upper

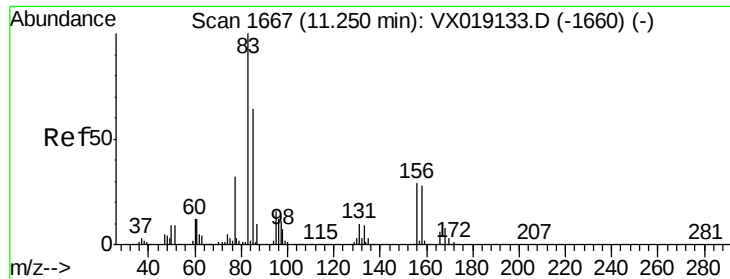
43 100

70 48.9 39.6 59.4

55 26.0 20.7 31.1

61 26.8 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.244 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 230848

Ion Ratio Lower Upper

83 100

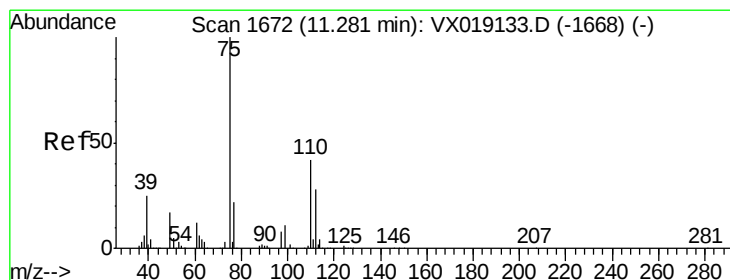
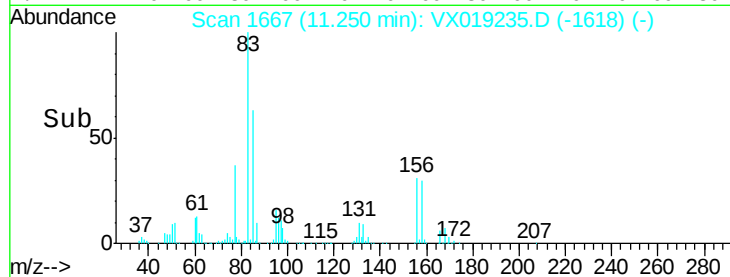
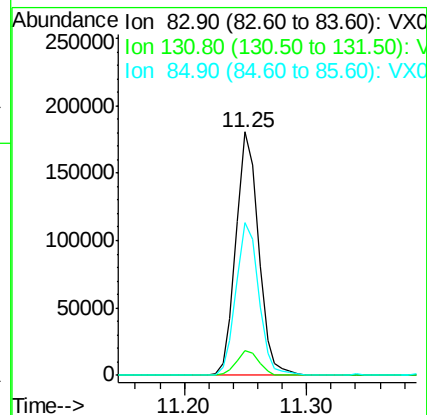
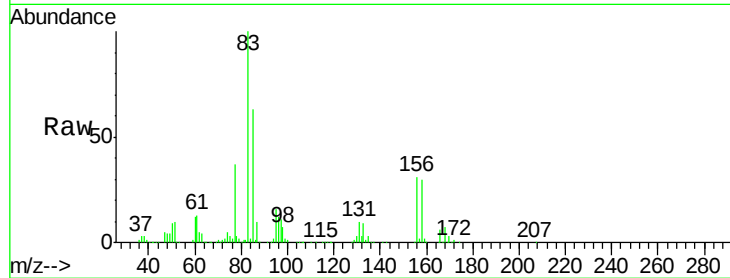
131 10.1 5.2 15.6

85 63.2 32.1 96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.637 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019235.D

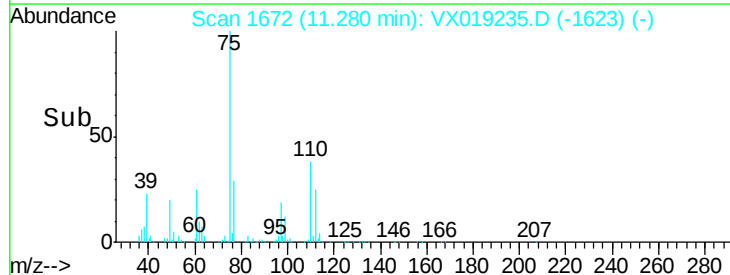
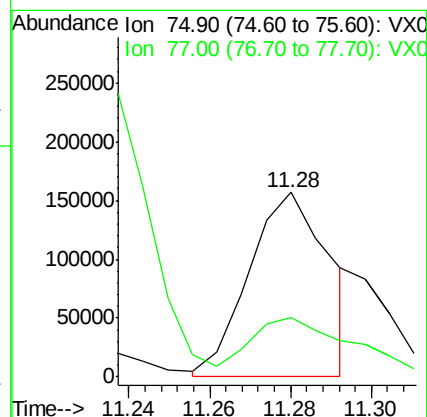
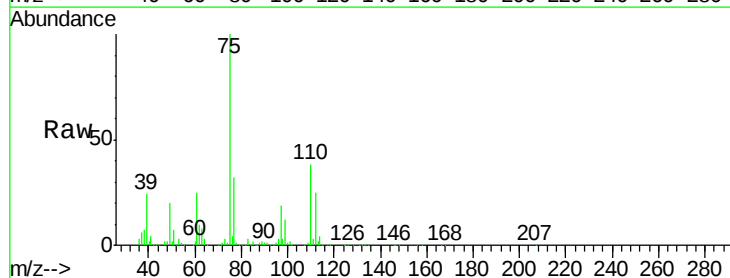
Acq: 03 Nov 2020 15:54

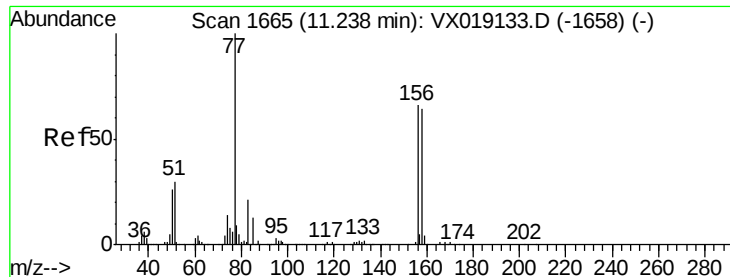
Tgt Ion: 75 Resp: 217083

Ion Ratio Lower Upper

75 100

77 41.0 20.3 60.9





#77

Bromobenzene

Concen: 52.976 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 185892

Ion Ratio Lower Upper

156 100

77 164.2 77.7 233.1

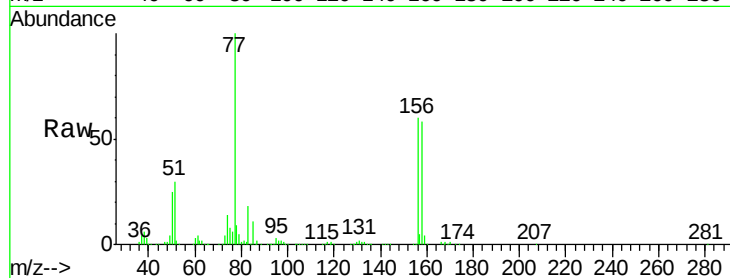
158 95.5 48.3 144.8

Manual Integrations

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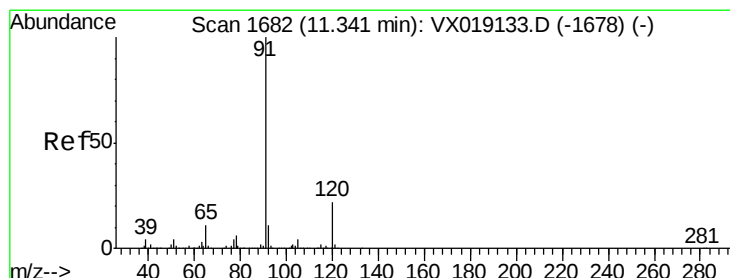
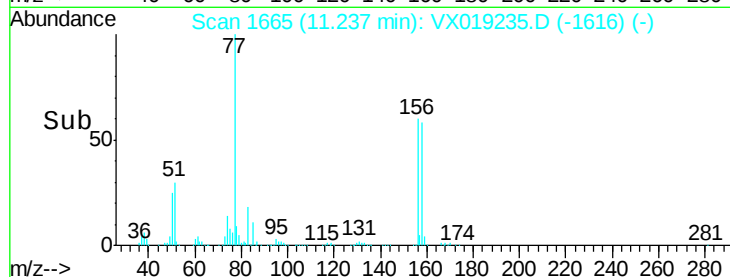
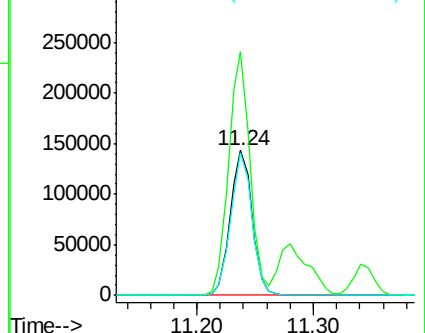
11/4/2020 11:58:46 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.478 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019235.D

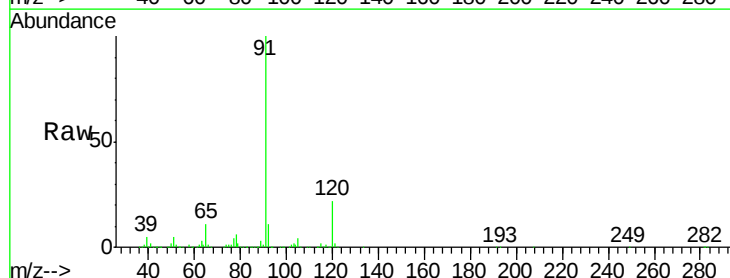
Acq: 03 Nov 2020 15:54

Tgt Ion: 91 Resp: 911534

Ion Ratio Lower Upper

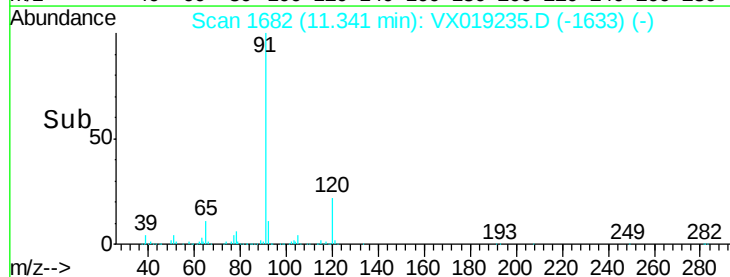
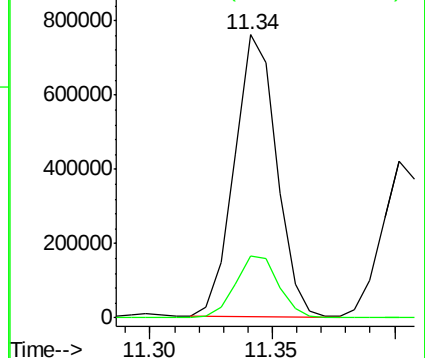
91 100

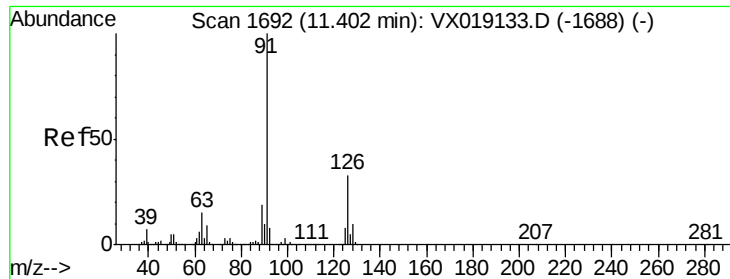
120 22.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





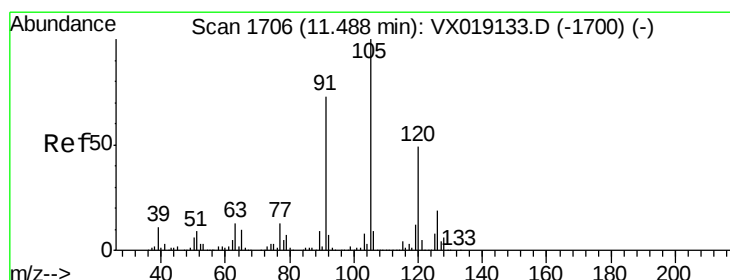
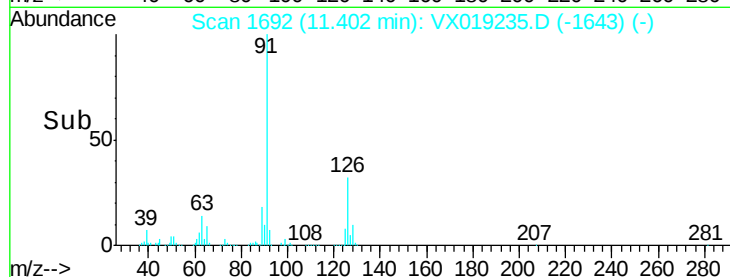
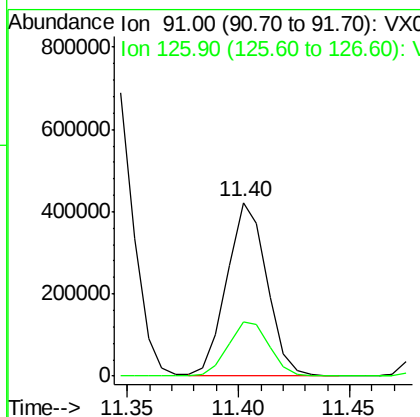
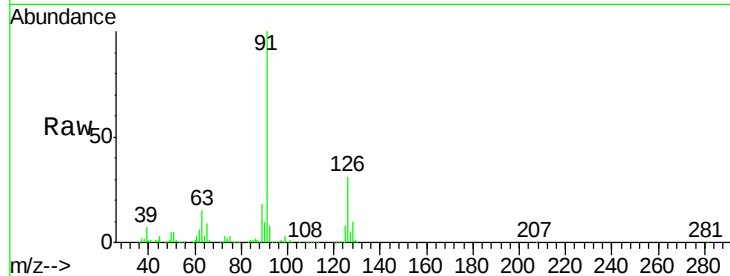
#79
 2-Chlorotoluene
 Concen: 55.389 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.9	50.7

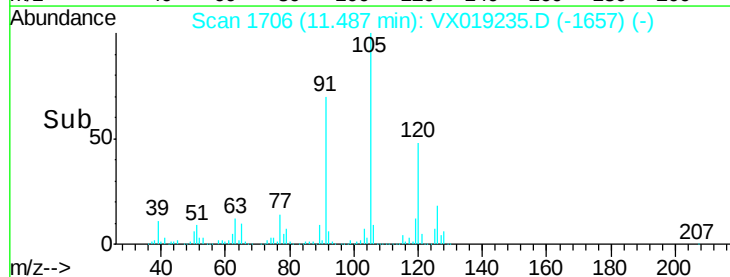
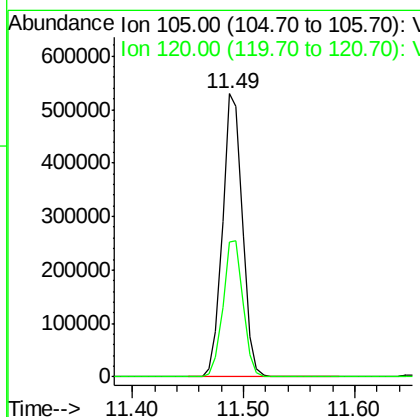
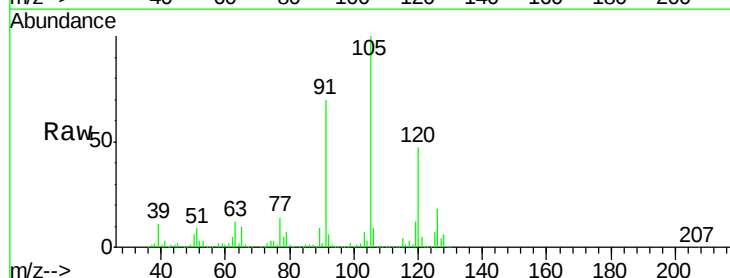
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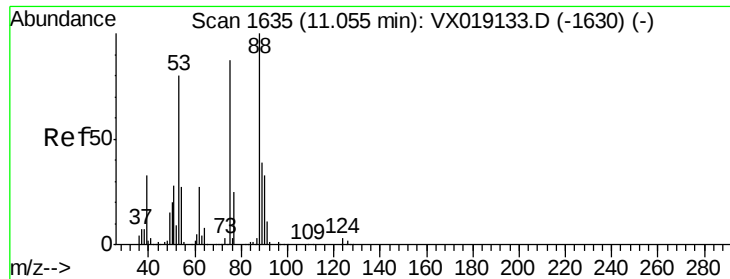
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.631 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.5	24.3	72.8





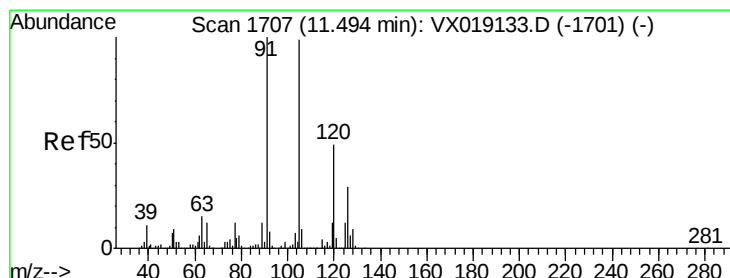
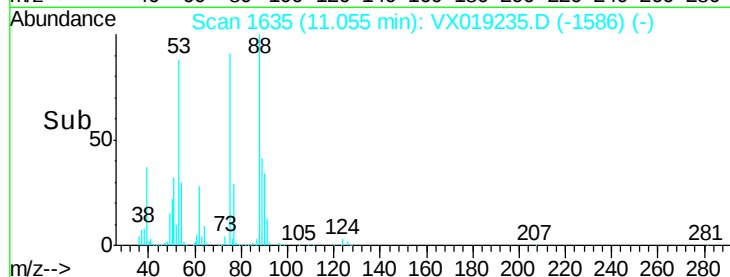
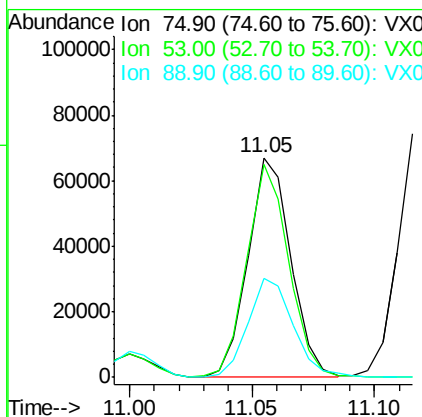
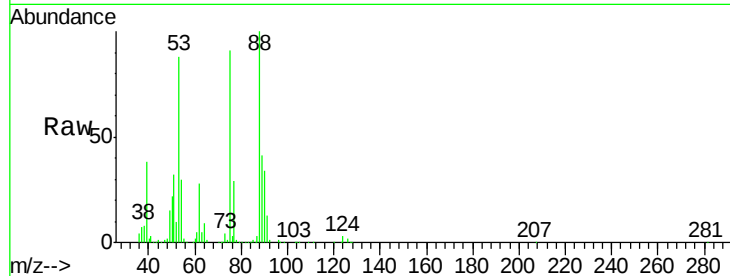
#81
trans-1,4-Dichloro-2-butene
Concen: 51.778 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.2	73.3	109.9
89	47.8	38.2	57.2

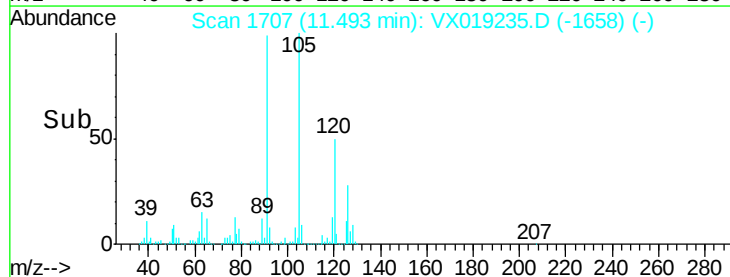
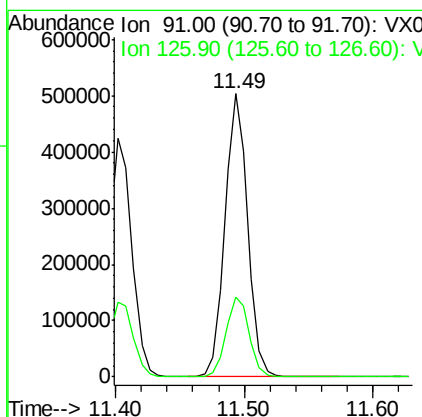
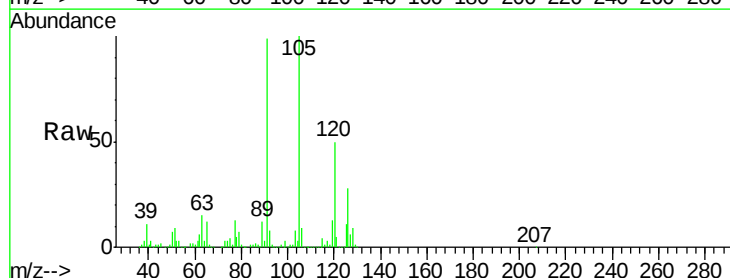
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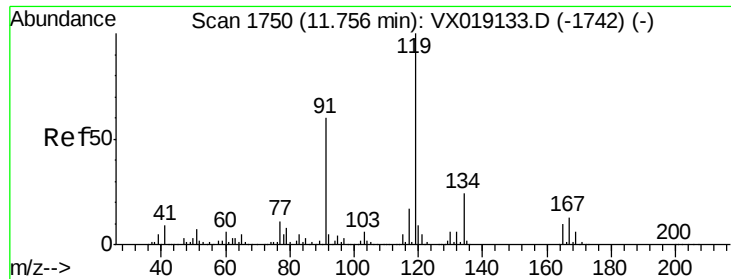
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#82
4-Chlorotoluene
Concen: 53.669 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.8	44.4





#83

tert-Butylbenzene

Concen: 54.071 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

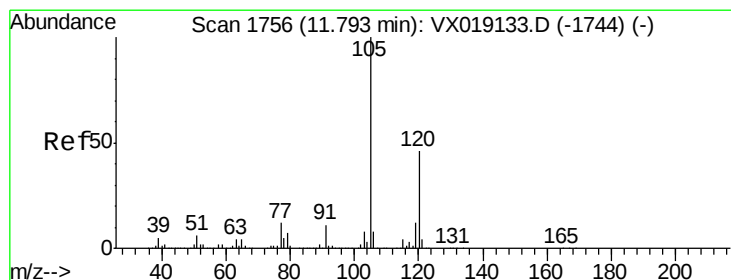
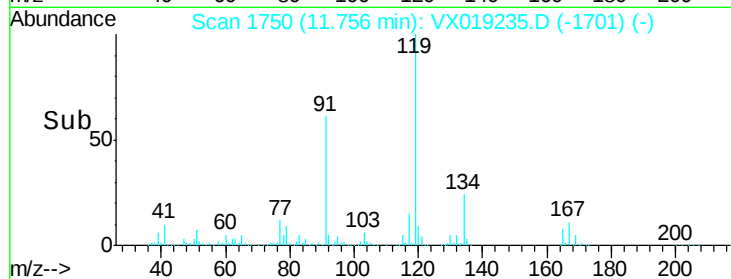
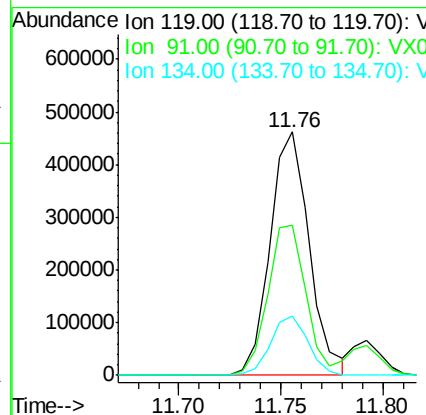
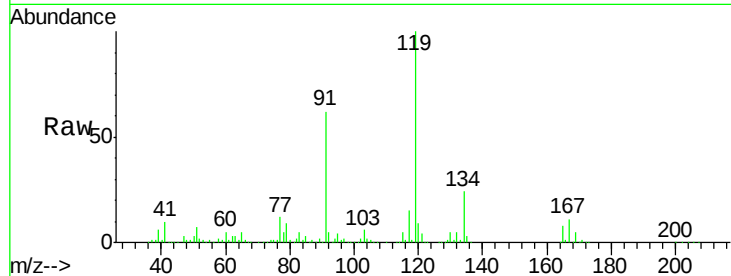
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	618382
Ion Ratio	Lower	Upper	
119	100		
91	60.0	29.0	87.1
134	23.3	11.7	35.0

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#84

1,2,4-Trimethylbenzene

Concen: 54.585 ug/l

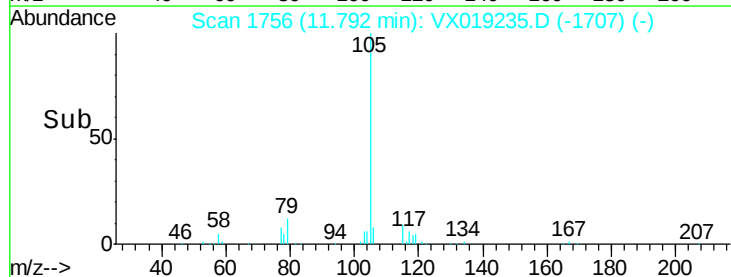
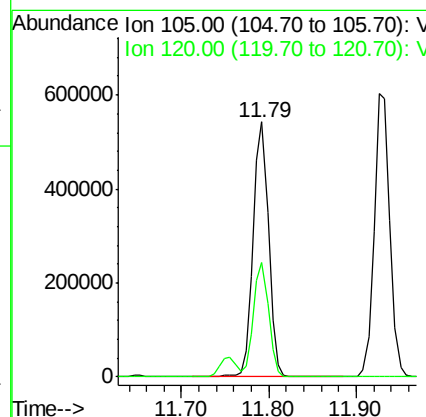
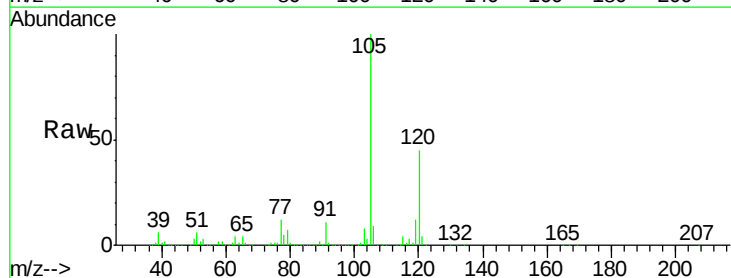
RT: 11.79 min Scan# 1756

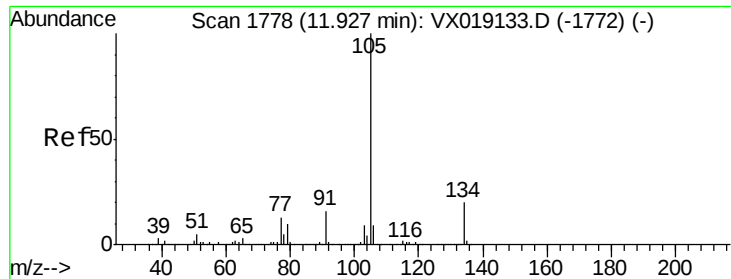
Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Tgt Ion:	105	Resp:	658203
Ion Ratio	Lower	Upper	
105	100		
120	44.2	22.4	67.3





#85

sec-Butylbenzene

Concen: 55.238 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 757679

Ion Ratio Lower Upper

105 100

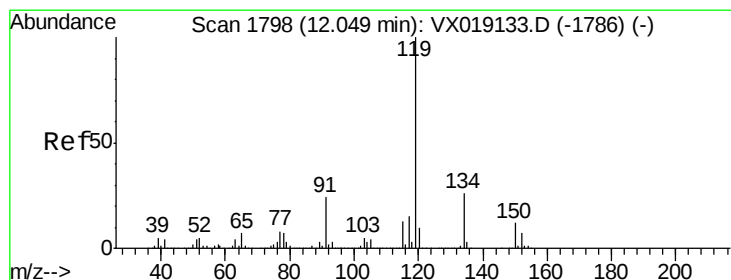
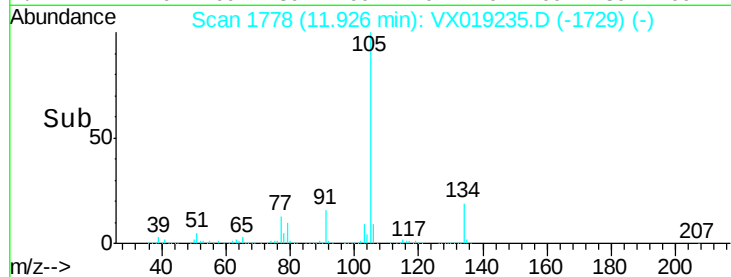
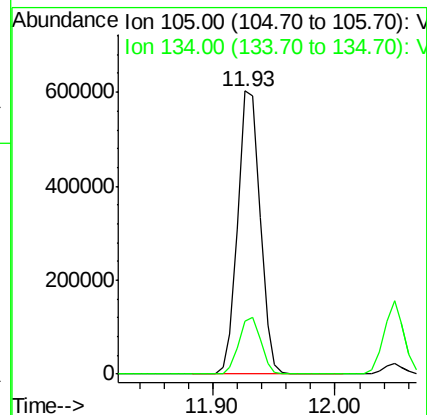
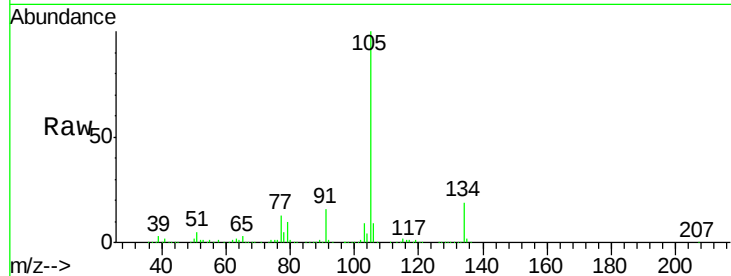
134 20.0 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 54.910 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

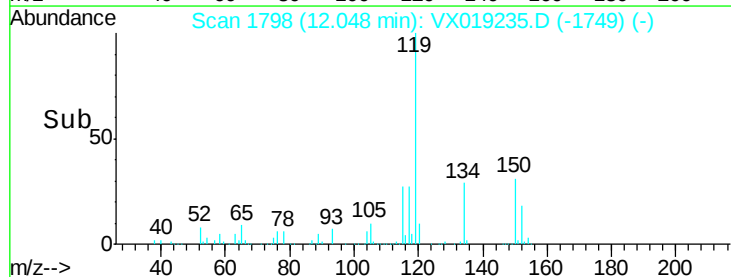
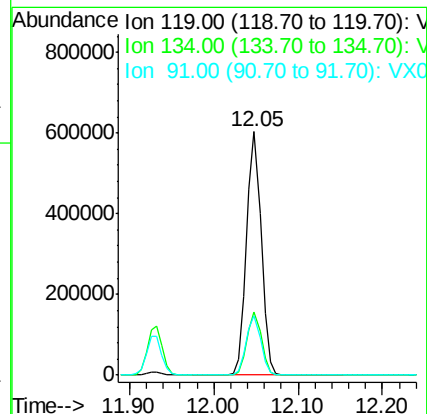
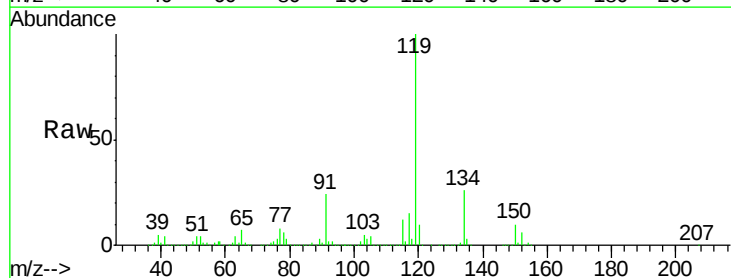
Tgt Ion:119 Resp: 695187

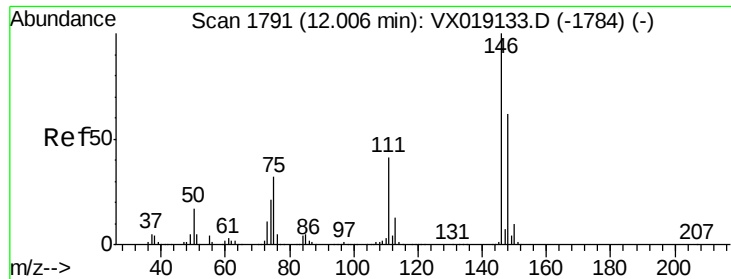
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

91 24.2 12.0 36.0





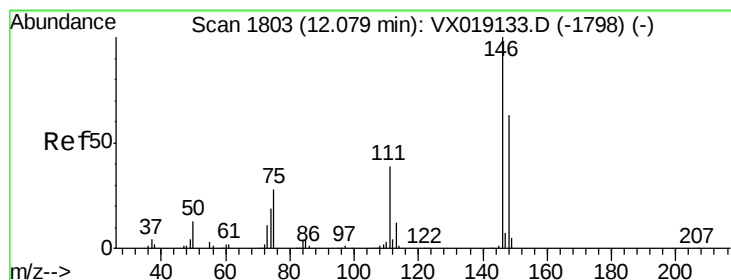
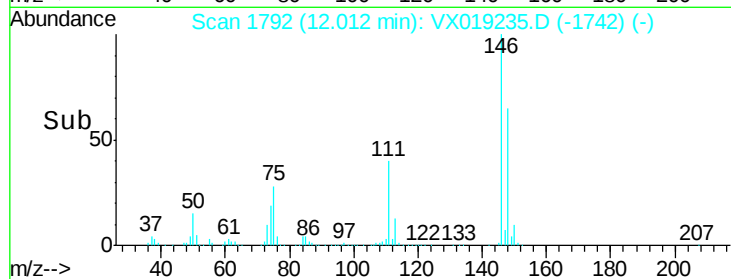
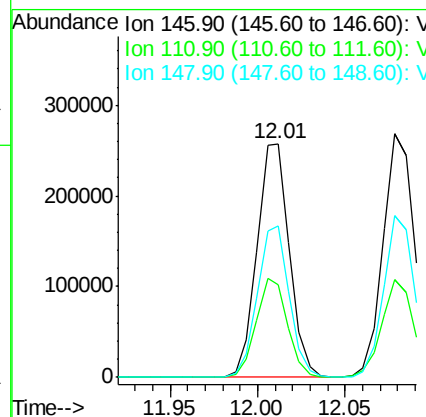
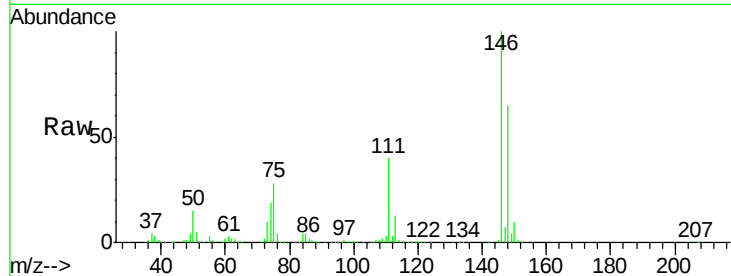
#87
 1,3-Dichlorobenzene
 Concen: 50.987 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.4	61.2
148	63.7	31.6	94.8

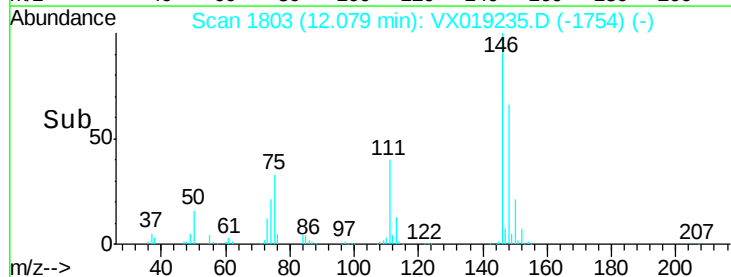
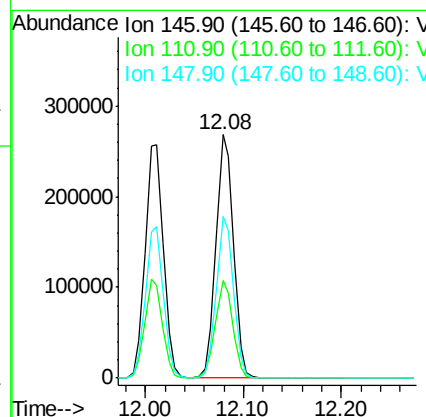
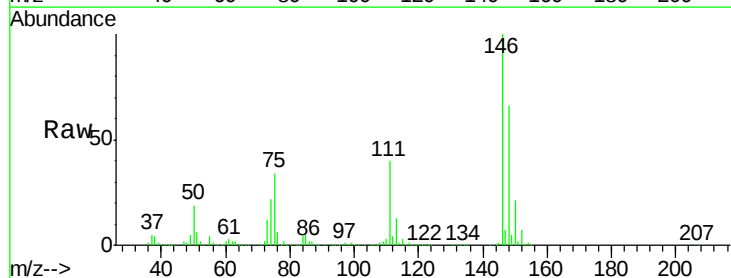
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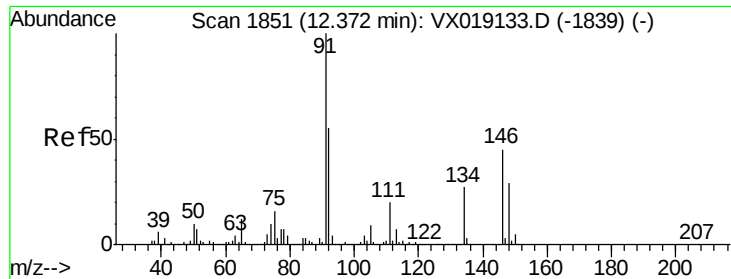
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#88
 1,4-Dichlorobenzene
 Concen: 49.228 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.2	60.5
148	65.0	31.3	93.8





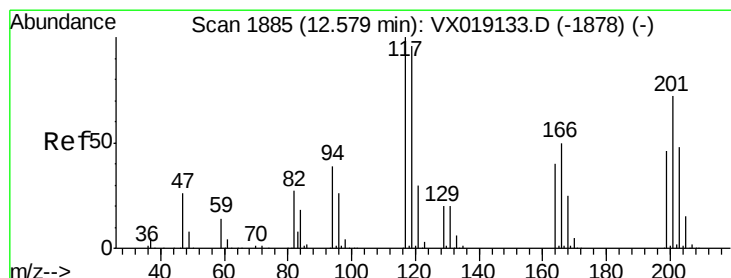
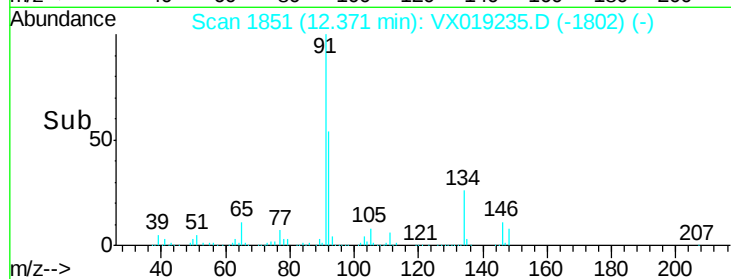
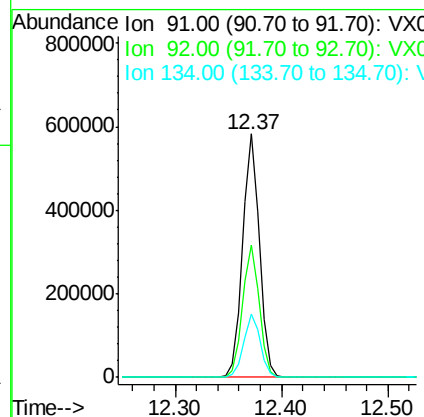
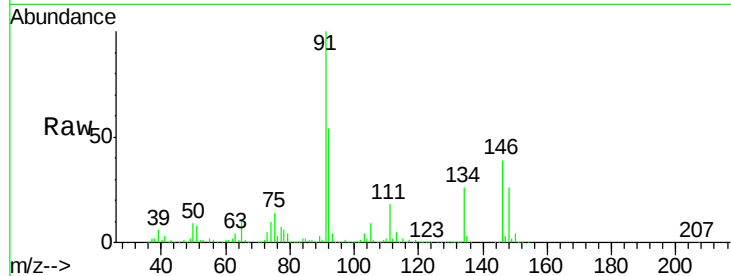
#89
n-Butylbenzene
Concen: 54.272 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.5	82.4
134	25.5	13.2	39.6

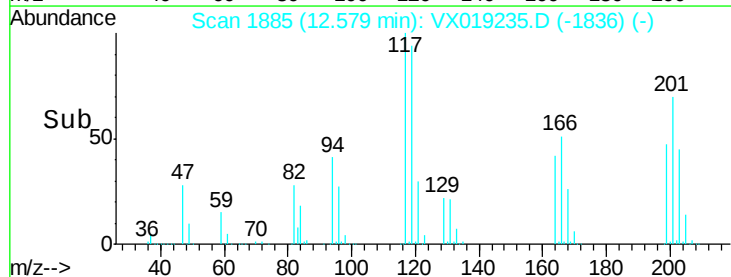
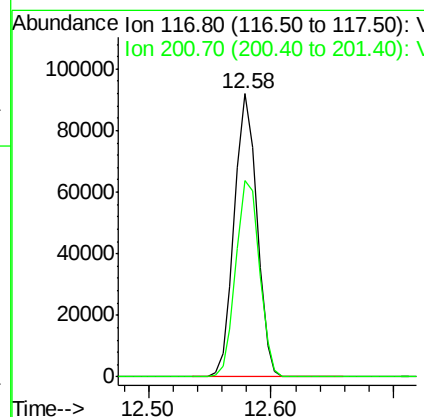
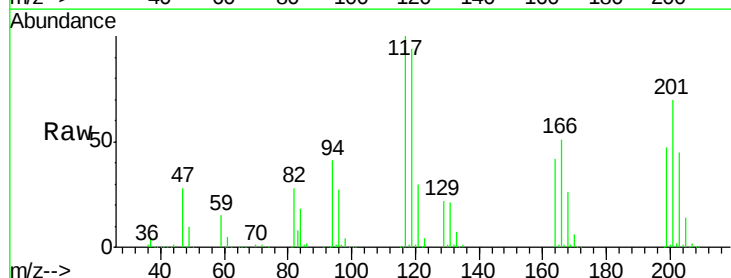
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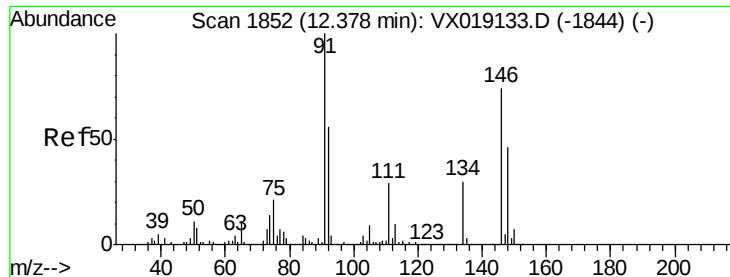
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#90
Hexachloroethane
Concen: 54.602 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.4	38.5	115.3





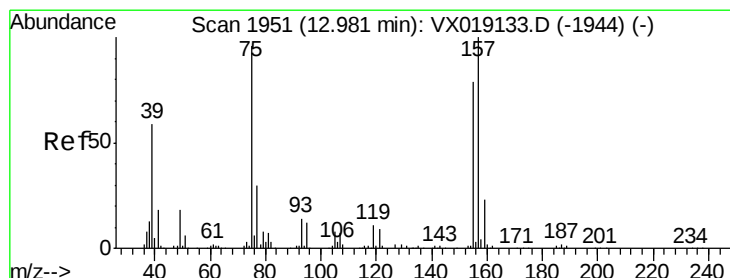
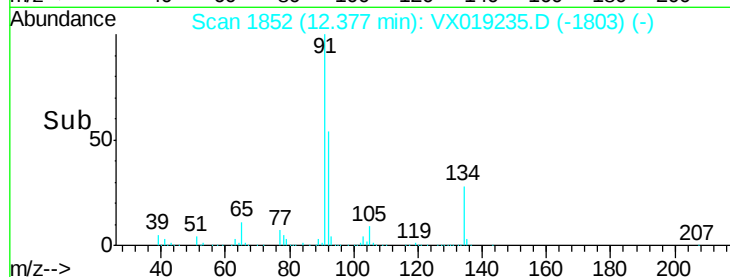
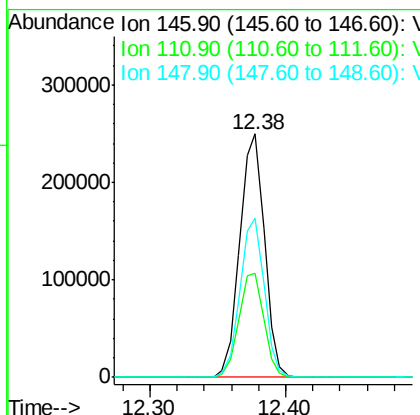
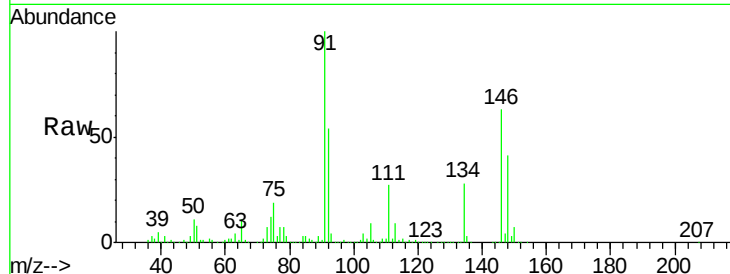
#91
 1,2-Dichlorobenzene
 Concen: 50.563 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.2	63.6
148	64.1	31.6	94.7

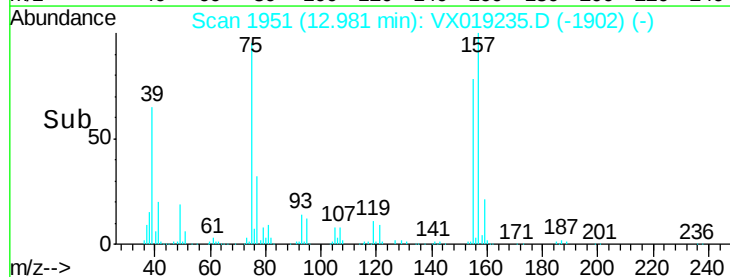
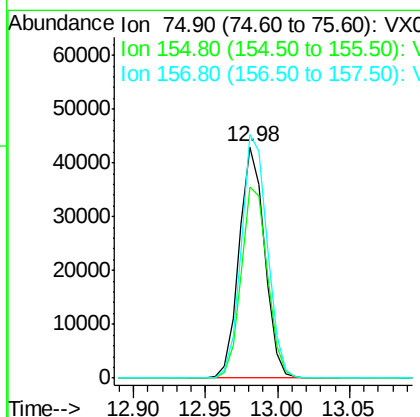
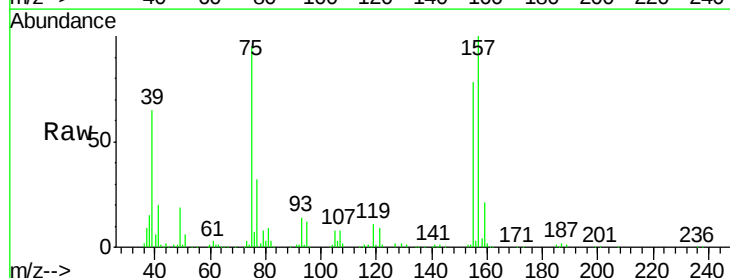
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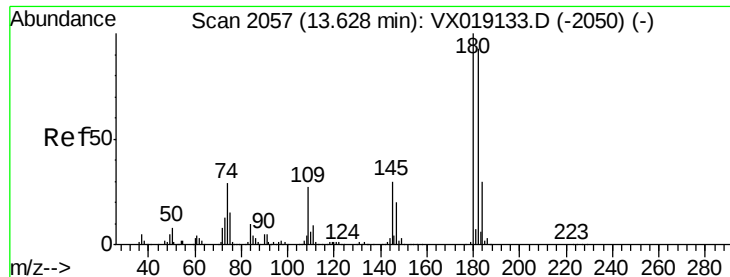
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 11/4/2020 11:58:46 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.008 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.1	42.8	128.4
157	106.5	54.8	164.4





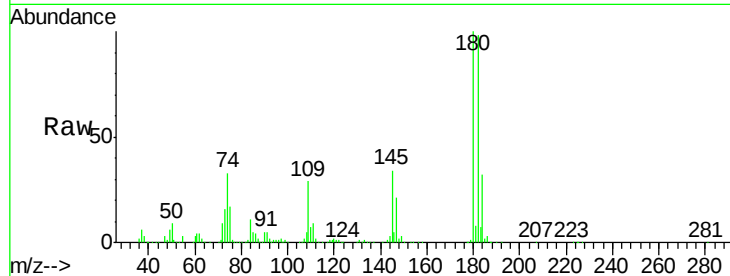
#93
1,2,4-Trichlorobenzene
Concen: 47.320 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

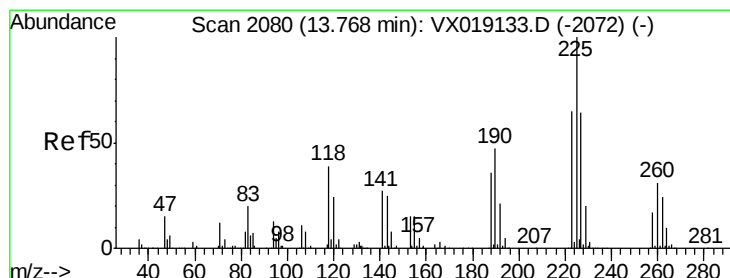
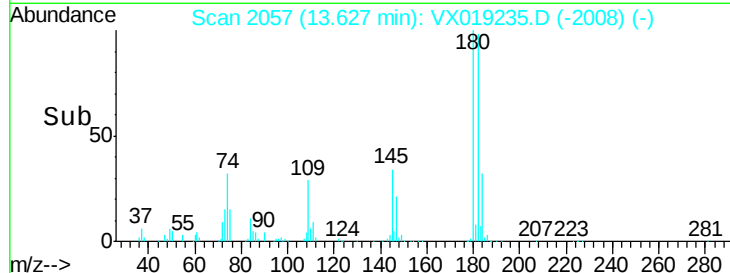
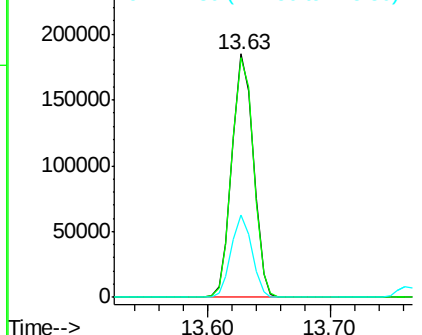
Tot Ion	Ratio	Resp	Lower	Upper
180	100	223031		
182	99.6	46.8	140.3	
145	32.9	15.5	46.5	

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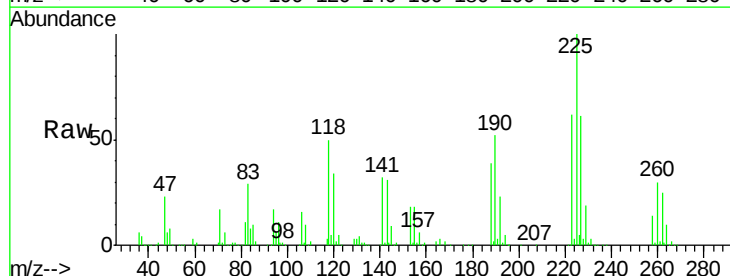


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

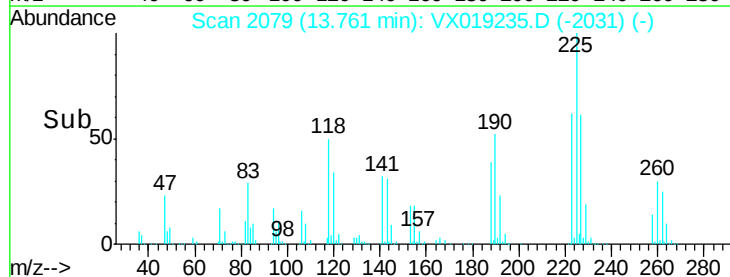
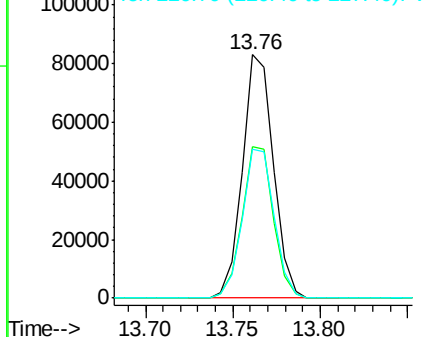


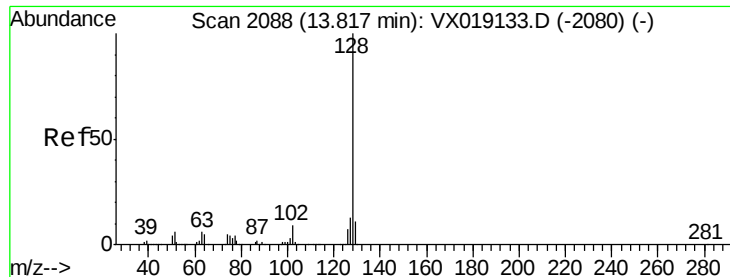
#94
Hexachlorobutadiene
Concen: 49.138 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	101951		
223	62.4	32.4	97.2	
227	63.0	31.6	94.7	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





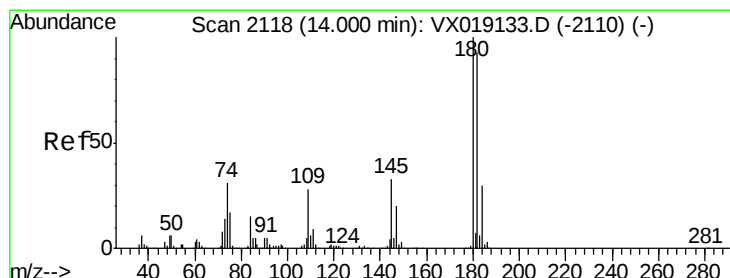
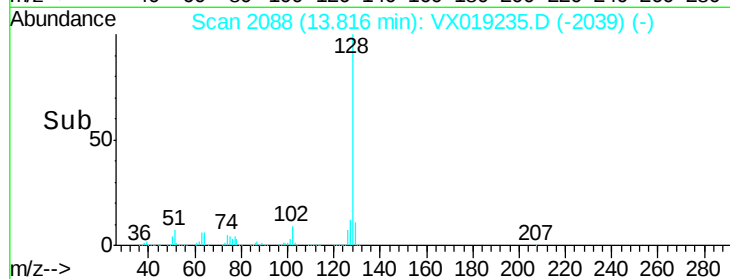
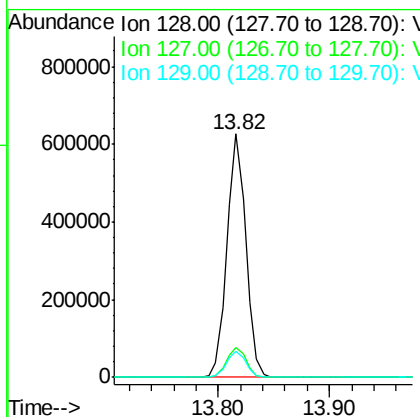
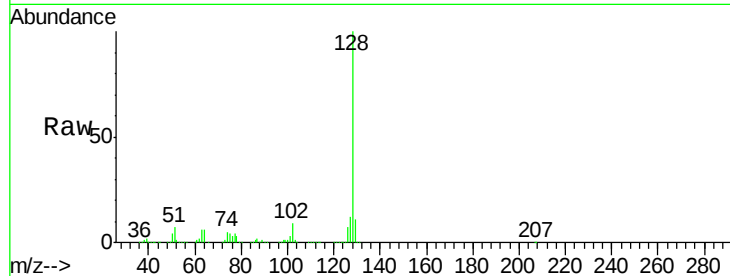
#95
Naphthalene
Concen: 49.607 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	736393
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	11.0	8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 48.745 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion:	180	Resp:	222879
Ion Ratio	Lower	Upper	
180	100		
182	97.5	47.8	143.3
145	33.9	16.5	49.5

