

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110920\
 Data File : VX019357.D
 Acq On : 09 Nov 2020 10:08
 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
 11/10/2020 8:57:39 AM

Quant Time: Nov 10 01:50:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	270856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	444395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	405802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	162221	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
35) Dibromofluoromethane	5.46	113	128537	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
50) Toluene-d8	8.70	98	486623	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	
62) 4-Bromofluorobenzene	11.12	95	191703	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	109986	48.709	ug/l	98
3) Chloromethane	1.31	50	125595	49.787	ug/l	98
4) Vinyl Chloride	1.39	62	146915	50.218	ug/l	99
5) Bromomethane	1.62	94	90616	45.354	ug/l	98
6) Chloroethane	1.71	64	97684	52.296	ug/l	97
7) Trichlorofluoromethane	1.92	101	230700	50.194	ug/l	97
8) Diethyl Ether	2.17	74	92222	52.281	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	131556	51.640	ug/l	98
10) Methyl Iodide	2.49	142	135256	45.620	ug/l	99
11) Tert butyl alcohol	3.01	59	168125	243.687	ug/l	99
12) 1,1-Dichloroethene	2.36	96	128096	48.795	ug/l	97
13) Acrolein	2.27	56	79696	258.174	ug/l	100
14) Allyl chloride	2.70	41	213631	53.727	ug/l	98
15) Acrylonitrile	3.11	53	372425	256.885	ug/l	100
16) Acetone	2.42	43	338527	280.927	ug/l	100
17) Carbon Disulfide	2.55	76	346254	46.329	ug/l	100
18) Methyl Acetate	2.75	43	156663	53.463	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	476446	52.380	ug/l	99
20) Methylene Chloride	2.83	84	150684	49.808	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	145780	48.251	ug/l	95
22) Diisopropyl ether	3.82	45	439120	55.395	ug/l	98
23) Vinyl Acetate	3.78	43	1917191	271.210	ug/l	98
24) 1,1-Dichloroethane	3.67	63	263672	53.274	ug/l	99
25) 2-Butanone	4.62	43	517330	272.403	ug/l	97
26) 2,2-Dichloropropane	4.54	77	245411	52.744	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	168058	49.778	ug/l	96
28) Bromochloromethane	4.97	49	117280	52.124	ug/l	91
29) Tetrahydrofuran	5.07	42	312498	261.106	ug/l	97
30) Chloroform	5.17	83	274330	52.073	ug/l	98
31) Cyclohexane	5.54	56	228356	51.718	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	247624	51.844	ug/l	99
36) 1,1-Dichloropropene	5.76	75	208590	50.830	ug/l	98
37) Ethyl Acetate	4.78	43	196129	51.476	ug/l	99
38) Carbon Tetrachloride	5.74	117	214113	51.188	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	250153	50.981	ug/l	96
40) Benzene	6.10	78	601541	51.700	ug/l	99
41) Methacrylonitrile	5.00	41	105719	51.523	ug/l	98
42) 1,2-Dichloroethane	6.15	62	220878	51.510	ug/l	100
43) Isopropyl Acetate	6.40	43	330787	51.849	ug/l	99
44) Trichloroethene	7.18	130	165696	49.725	ug/l	99
45) 1,2-Dichloropropane	7.48	63	153297	53.791	ug/l	99
46) Dibromomethane	7.63	93	104709	49.687	ug/l	99
47) Bromodichloromethane	7.87	83	217243	52.301	ug/l	98
48) Methyl methacrylate	7.74	41	161923	52.732	ug/l	96
49) 1,4-Dioxane	7.71	88	69093	1011.789	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	988170	269.492	ug/l	99
52) Toluene	8.76	92	384782	51.347	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	248581	52.395	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	263912	52.899	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	152233	51.415	ug/l	98
56) Ethyl methacrylate	9.16	69	238752	53.385	ug/l	98
57) 1,3-Dichloropropane	9.35	76	263272	52.738	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	661849	264.616	ug/l	96
59) 2-Hexanone	9.47	43	799735	286.521	ug/l	98
60) Dibromochloromethane	9.56	129	170116	52.941	ug/l	100
61) 1,2-Dibromoethane	9.65	107	160200	50.596	ug/l	99
64) Tetrachloroethene	9.32	164	156955	50.765	ug/l	97
65) Chlorobenzene	10.12	112	410348	49.474	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	151641	50.785	ug/l	99
67) Ethyl Benzene	10.23	91	751017	50.815	ug/l	99
68) m/p-Xylenes	10.34	106	562893	101.477	ug/l	97
69) o-Xylene	10.68	106	266810	50.712	ug/l	99
70) Styrene	10.70	104	468347	52.171	ug/l	99
71) Bromoform	10.84	173	122139	51.591	ug/l	99
73) Isopropylbenzene	11.00	105	744367	48.691	ug/l	99
74) N-amyl acetate	10.88	43	284957	50.980	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	235621	49.316	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	227324m	50.977	ug/l	
77) Bromobenzene	11.24	156	178348	47.006	ug/l	93
78) n-propylbenzene	11.34	91	860971	49.336	ug/l	100
79) 2-Chlorotoluene	11.40	91	511233	49.759	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	634646	49.140	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	82853	48.920	ug/l	99
82) 4-Chlorotoluene	11.49	91	612820	48.844	ug/l	99
83) tert-Butylbenzene	11.76	119	609957	49.325	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	639184	49.024	ug/l	99
85) sec-Butylbenzene	11.93	105	739147	49.837	ug/l	100
86) p-Isopropyltoluene	12.05	119	693124	50.632	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	336010	47.554	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	347698	47.273	ug/l	100
89) n-Butylbenzene	12.37	91	652878	50.739	ug/l	99
90) Hexachloroethane	12.58	117	118626	50.982	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	320015	47.167	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53695	45.909	ug/l	96

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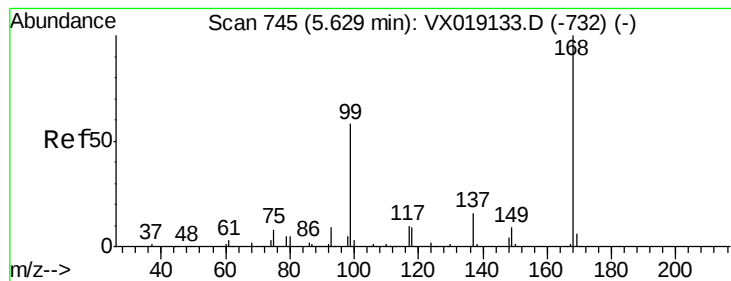
Manual Integrations
APPROVED

MMDadoda
11/10/2020 8:57:39 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	227844	44.708	ug/l	100
94) Hexachlorobutadiene	13.76	225	93121	41.509	ug/l	96
95) Naphthalene	13.82	128	716495	44.639	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	218136	44.122	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 270856

Ion Ratio Lower Upper

168 100

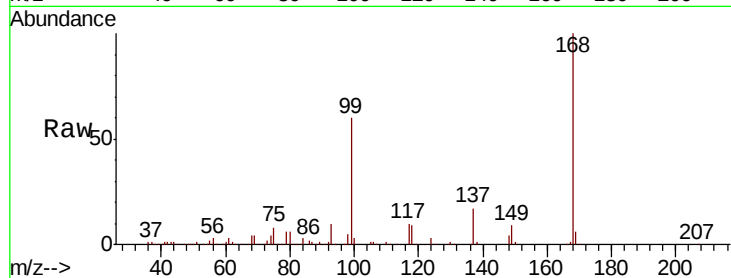
99 60.1 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

60000

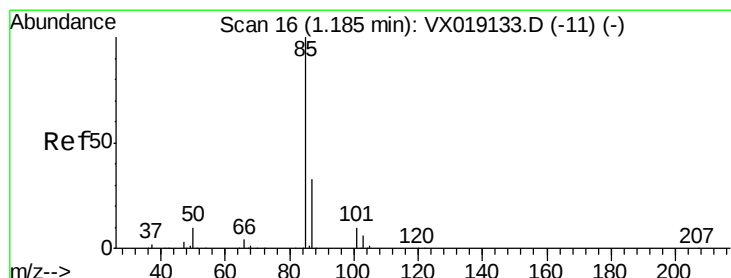
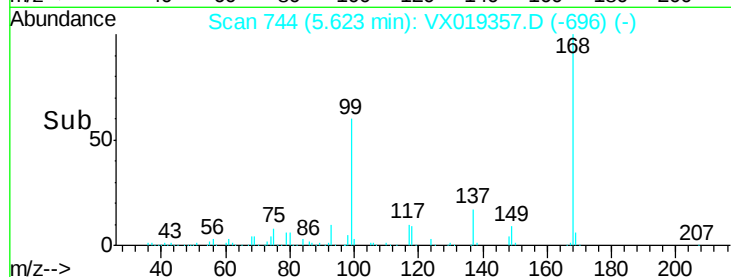
40000

20000

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Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.709 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019357.D

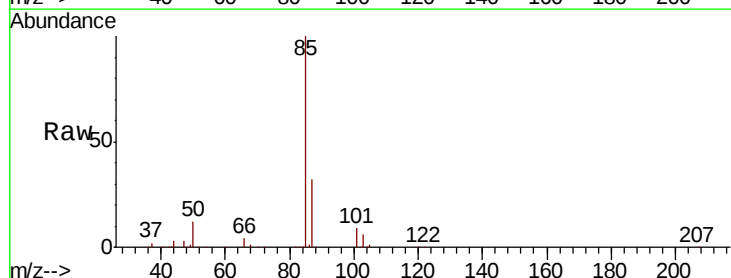
Acq: 09 Nov 2020 10:08

Tgt Ion: 85 Resp: 109986

Ion Ratio Lower Upper

85 100

87 31.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

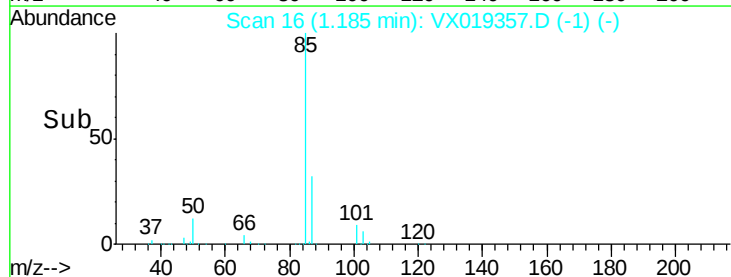
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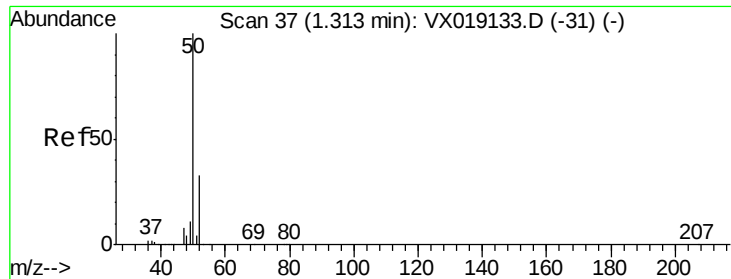
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Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.787 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 12595

Ion Ratio Lower Upper

50 100

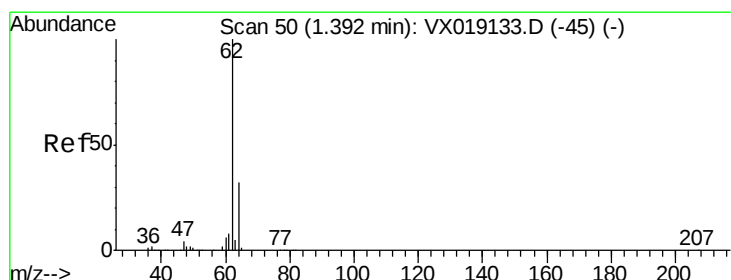
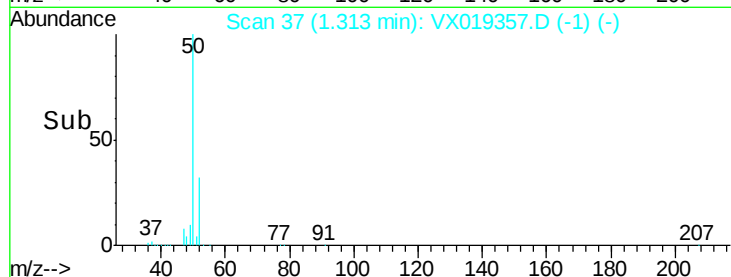
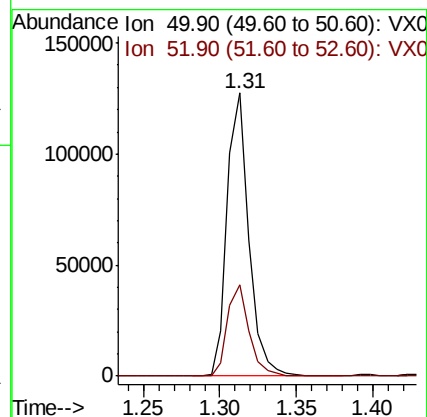
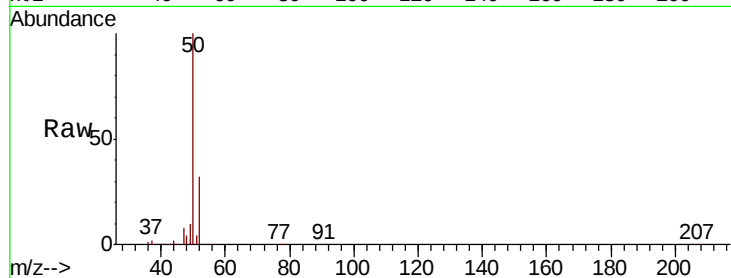
52 32.3 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.218 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019357.D

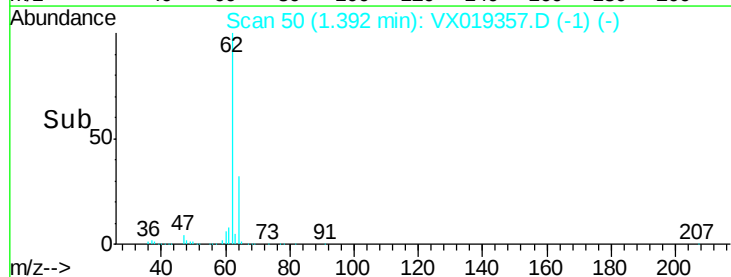
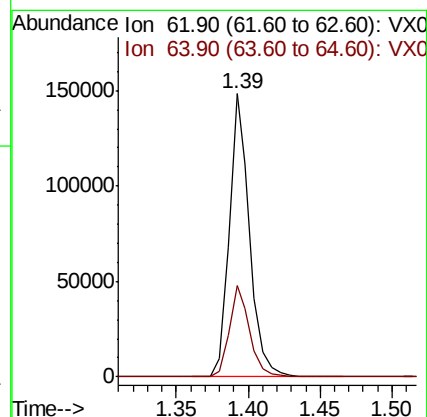
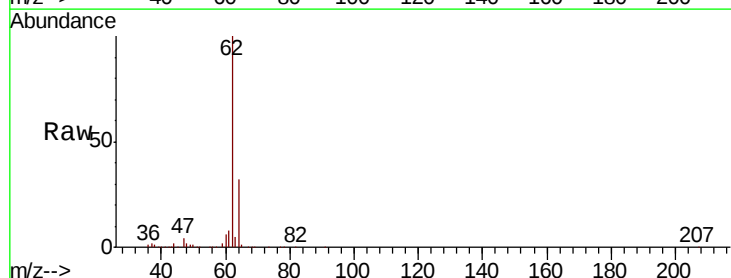
Acq: 09 Nov 2020 10:08

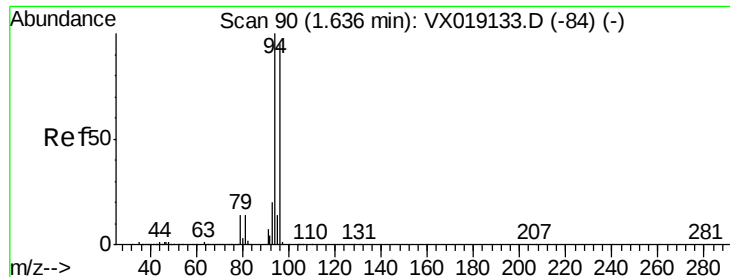
Tgt Ion: 62 Resp: 146915

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 45.354 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 90616

Ion Ratio Lower Upper

94 100

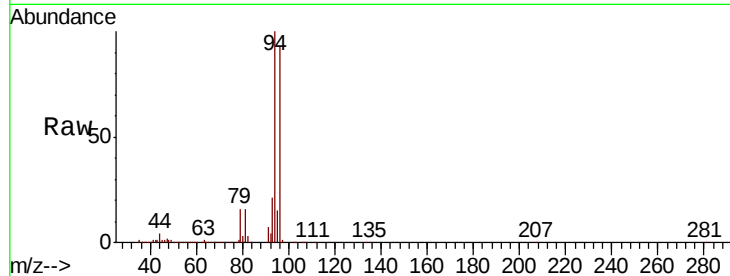
96 93.3 76.0 114.0

Manual Integrations

APPROVED

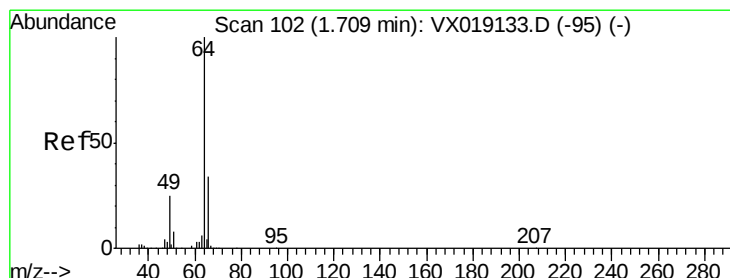
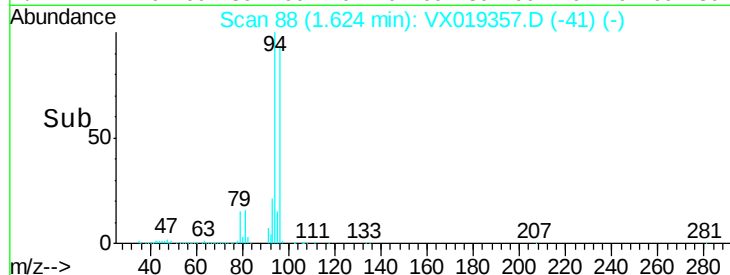
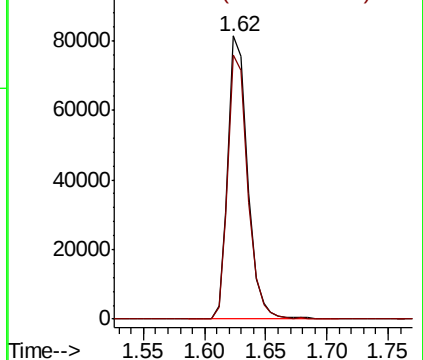
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.296 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019357.D

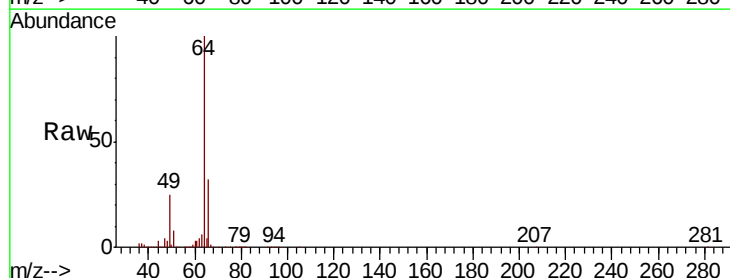
Acq: 09 Nov 2020 10:08

Tgt Ion: 64 Resp: 97684

Ion Ratio Lower Upper

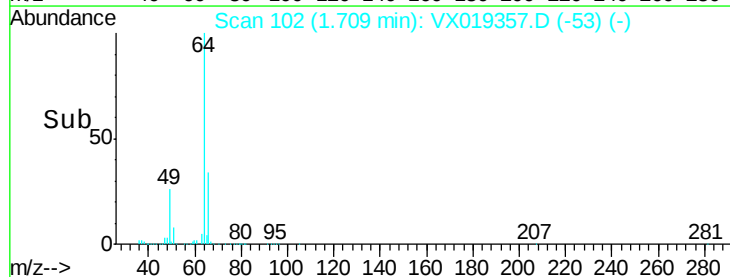
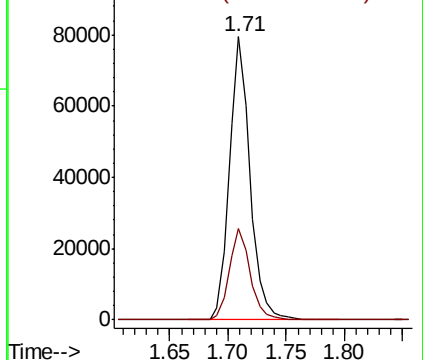
64 100

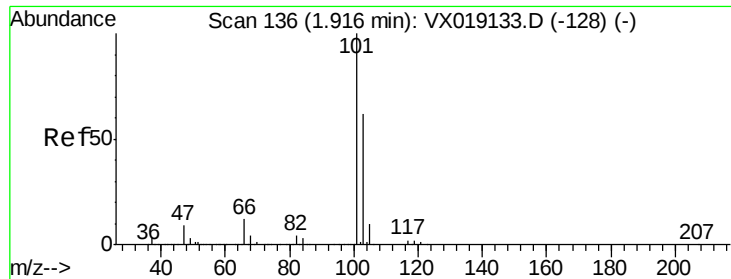
66 32.3 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

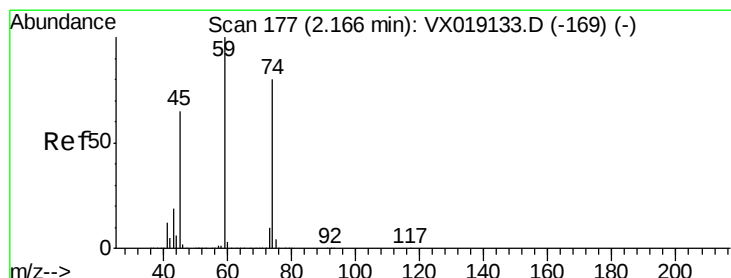
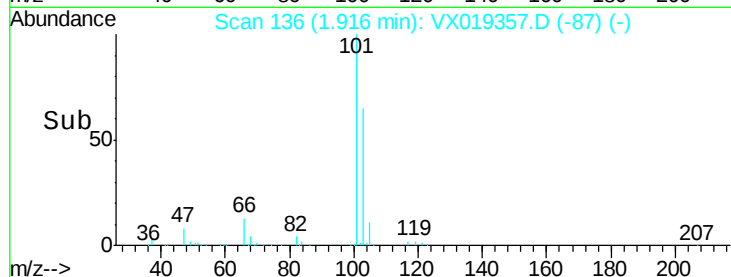
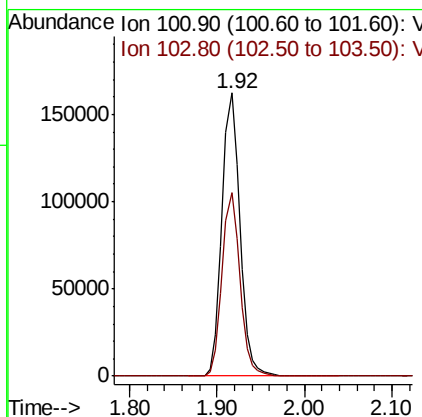
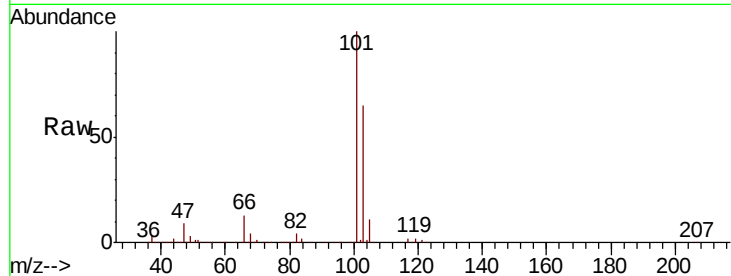
Trichlorofluoromethane
Concen: 50.194 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	50.0	75.0

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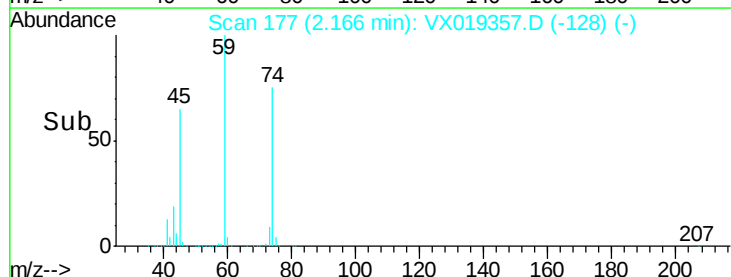
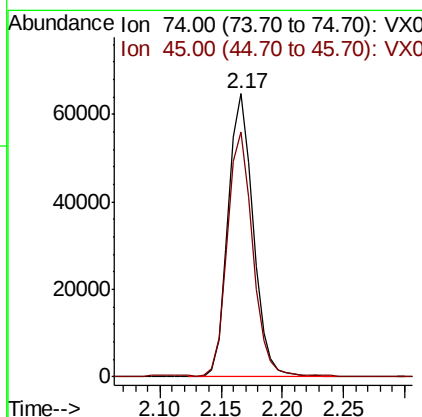
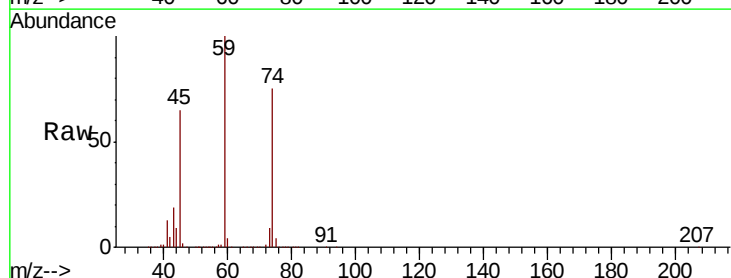
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11/10/2020 8:57:39 AM

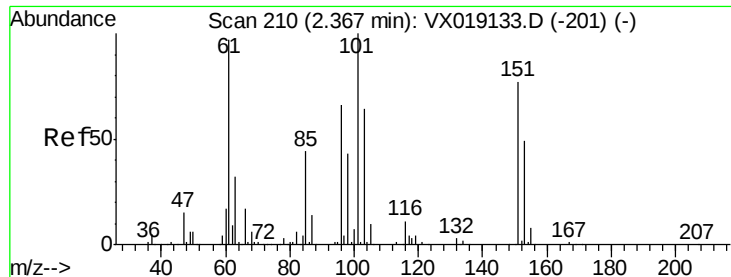


#8

Diethyl Ether
Concen: 52.281 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.6	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.640 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

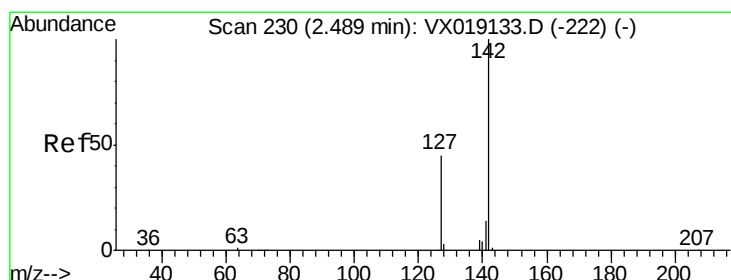
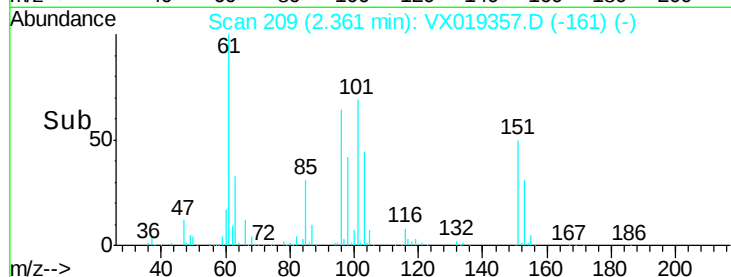
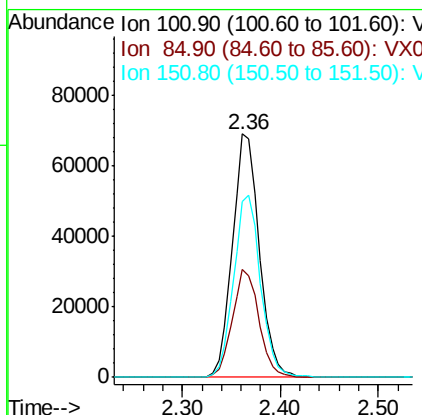
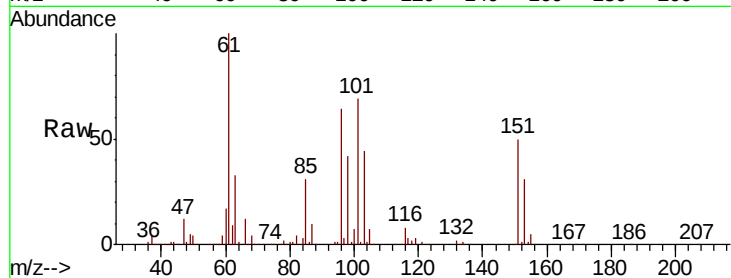
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	131556
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.0	52.4
151	74.8	61.4	92.2

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#10

Methyl Iodide

Concen: 45.620 ug/l

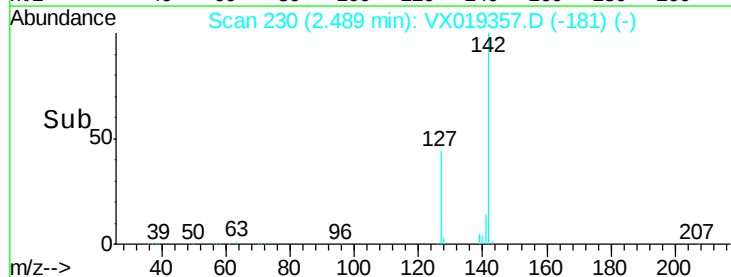
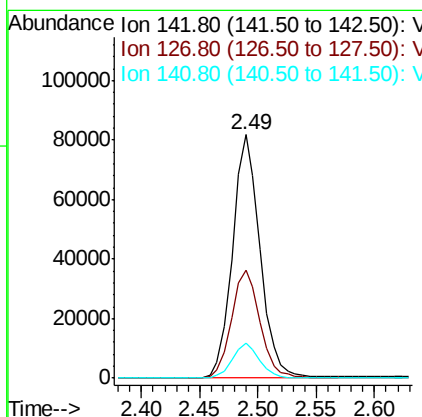
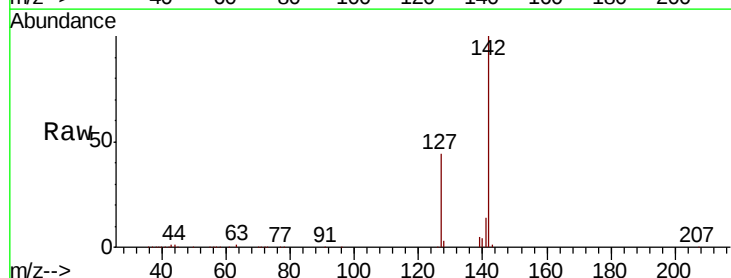
RT: 2.49 min Scan# 230

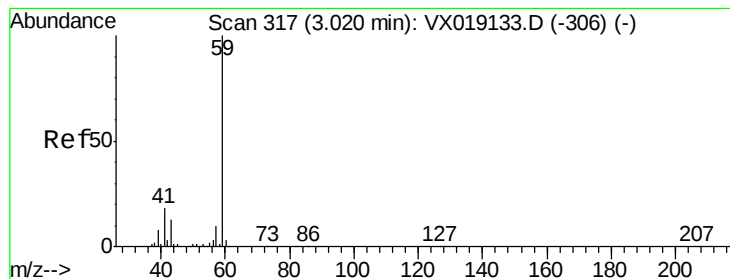
Delta R.T. 0.00 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Tgt Ion:	142	Resp:	135256
Ion Ratio	Lower	Upper	
142	100		
127	45.7	36.1	54.1
141	14.1	11.3	16.9





#11

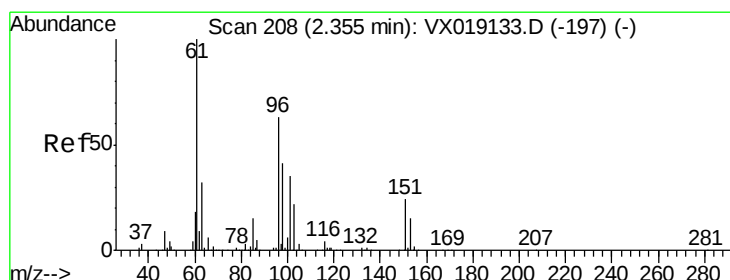
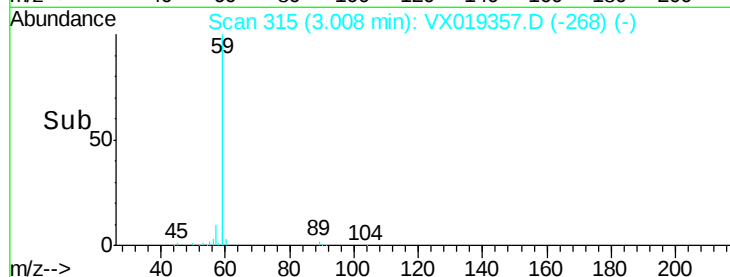
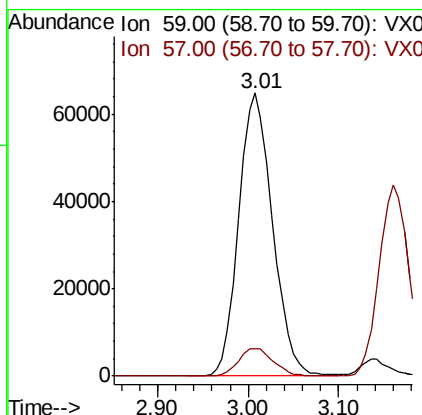
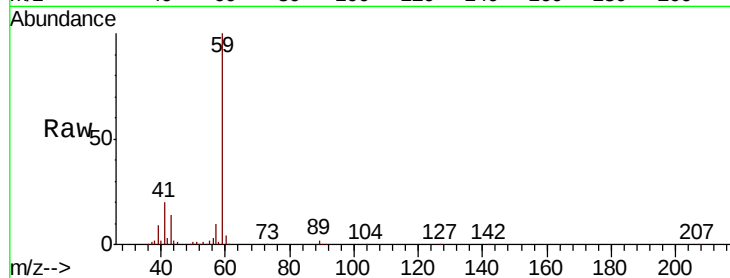
Tert butyl alcohol
Concen: 243.687 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.4	12.6

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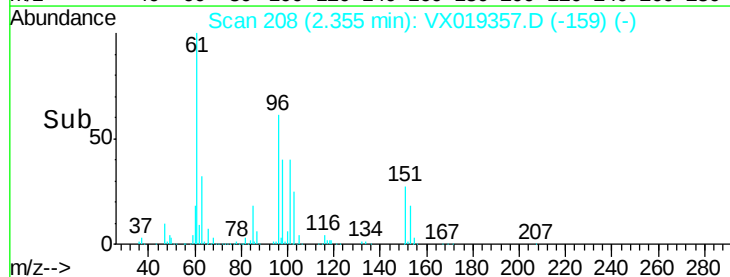
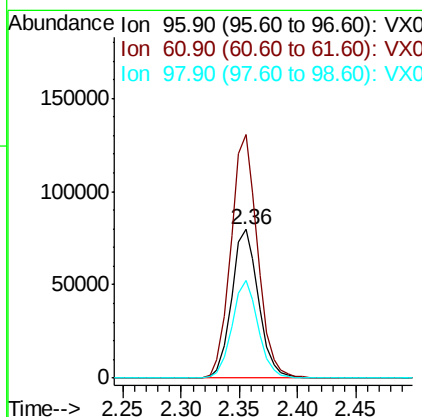
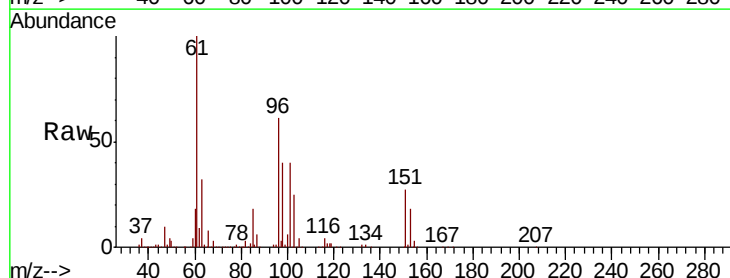
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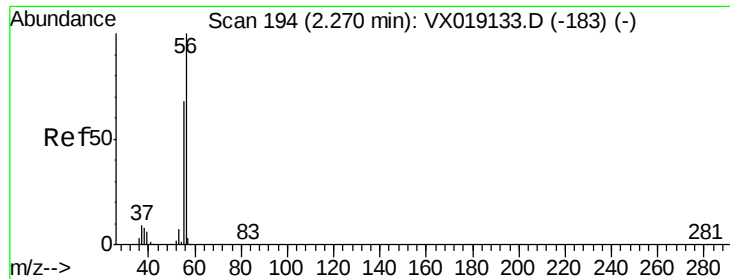


#12

1,1-Dichloroethene
Concen: 48.795 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.0	127.7	191.5
98	65.5	52.1	78.1





#13

Acrolein

Concen: 258.174 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 79696

Ion Ratio Lower Upper

56 100

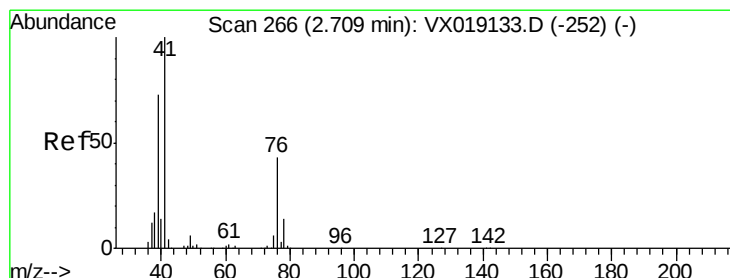
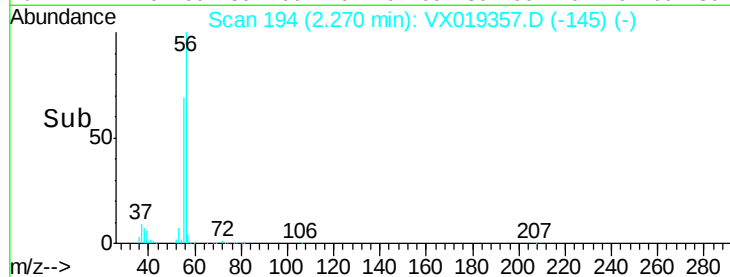
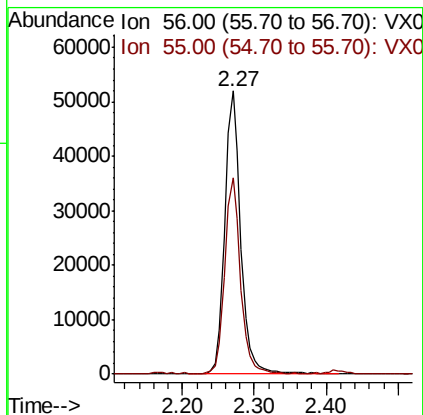
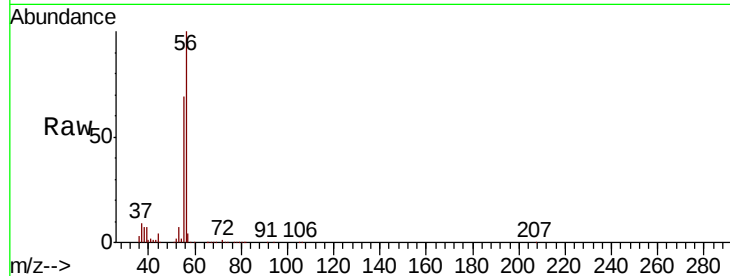
55 68.6 54.7 82.1

Manual Integrations

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#14

Allyl chloride

Concen: 53.727 ug/l

RT: 2.70 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

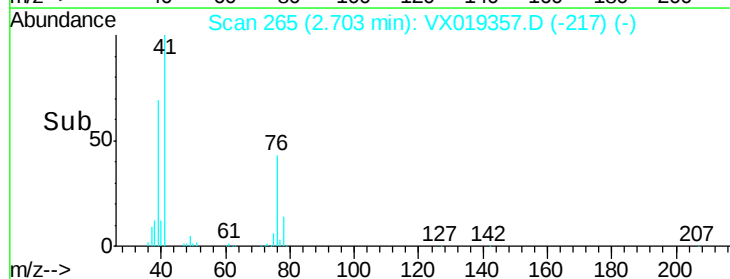
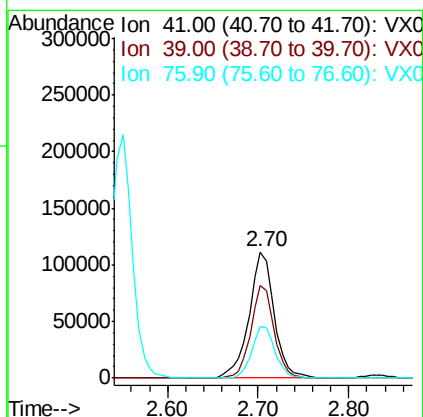
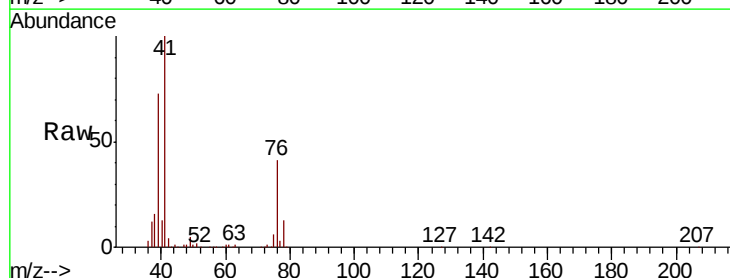
Tgt Ion: 41 Resp: 213631

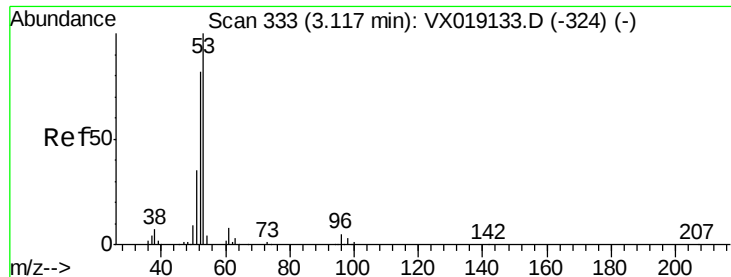
Ion Ratio Lower Upper

41 100

39 67.9 55.2 82.8

76 37.7 31.5 47.3





#15

Acrylonitrile

Concen: 256.885 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

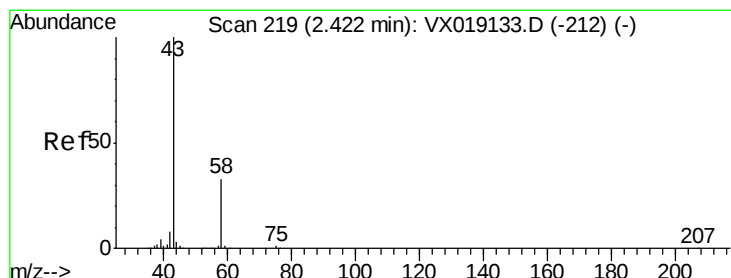
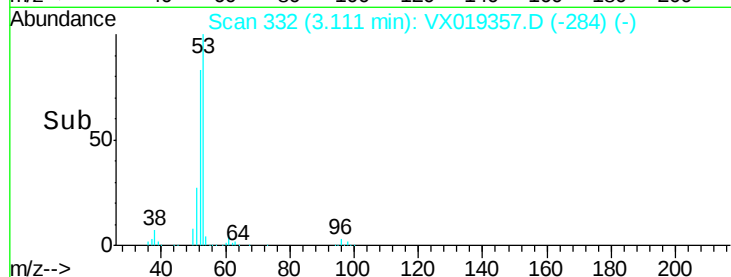
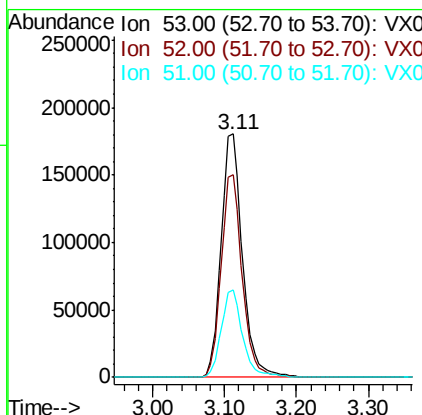
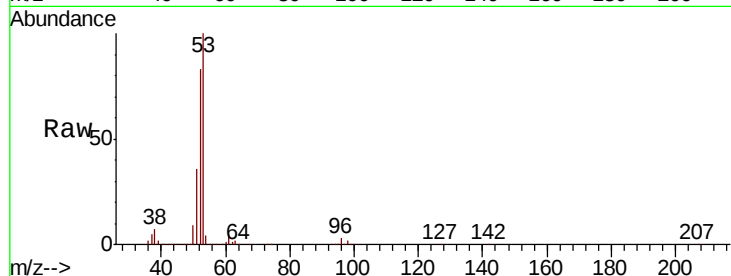
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	372425
Ion Ratio	Lower	Upper	
53	100		
52	82.4	65.7	98.5
51	35.8	28.4	42.6

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#16

Acetone

Concen: 280.927 ug/l

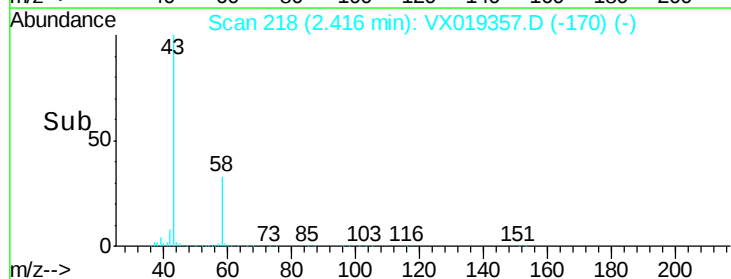
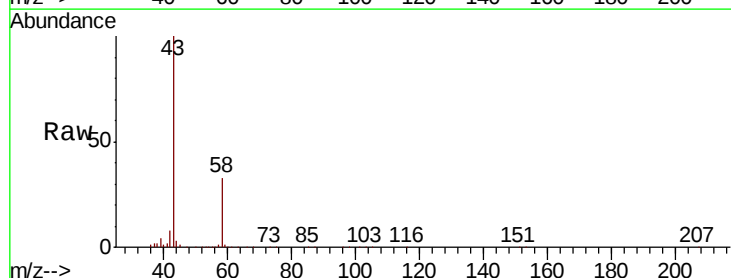
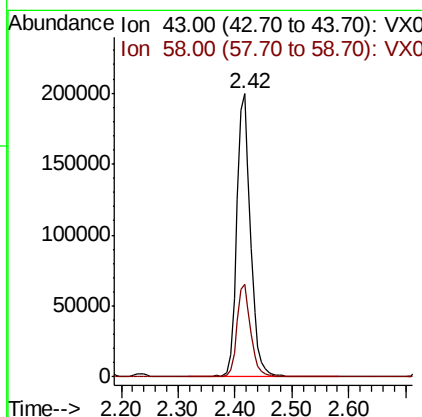
RT: 2.42 min Scan# 218

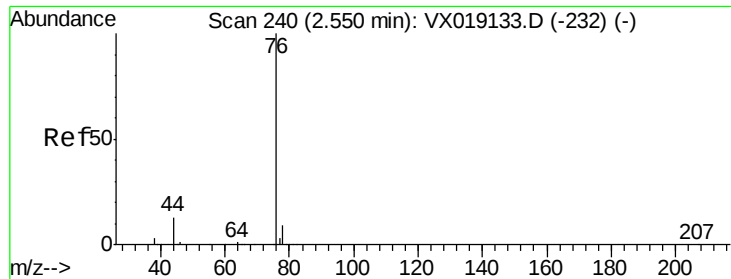
Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Tgt Ion:	43	Resp:	338527
Ion Ratio	Lower	Upper	
43	100		
58	32.8	26.3	39.5





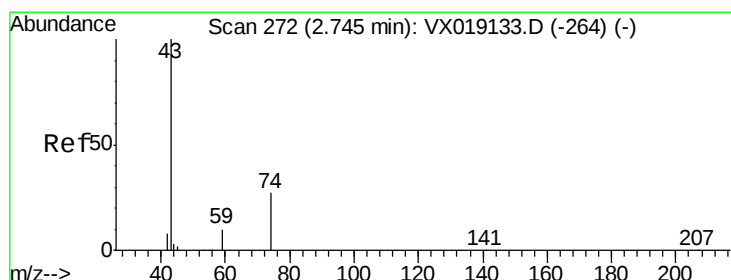
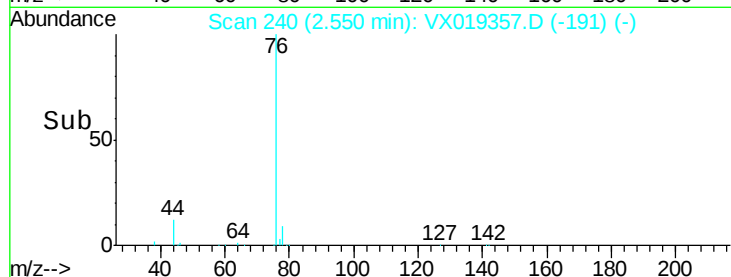
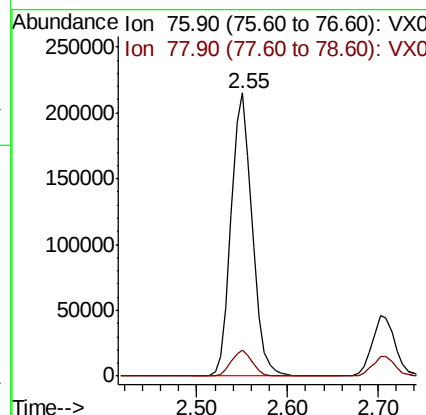
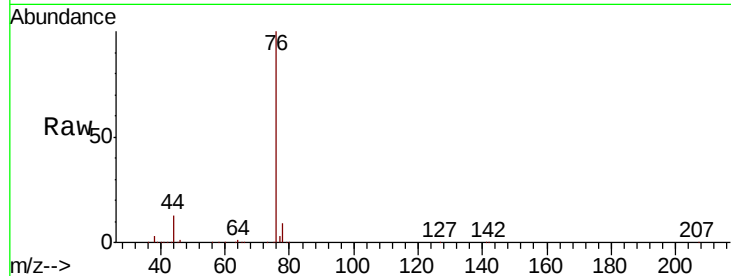
#17
Carbon Disulfide
Concen: 46.329 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

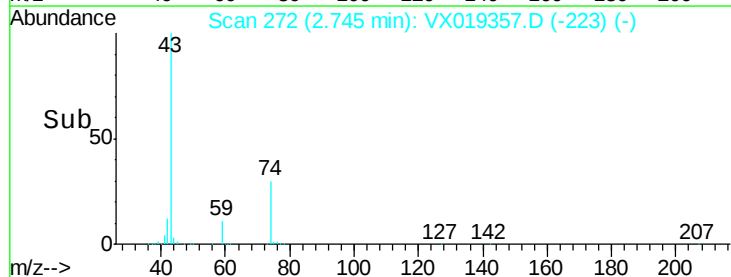
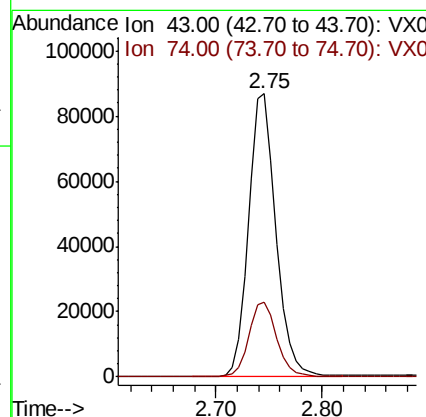
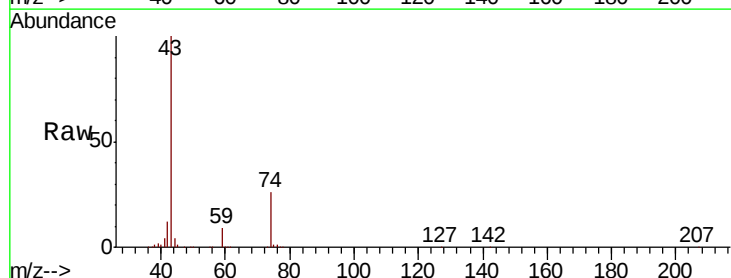
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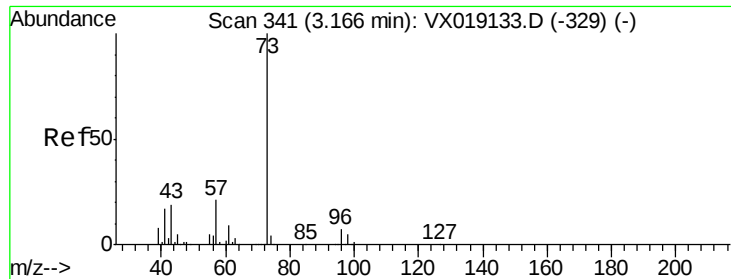
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#18
Methyl Acetate
Concen: 53.463 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	22.6	33.8





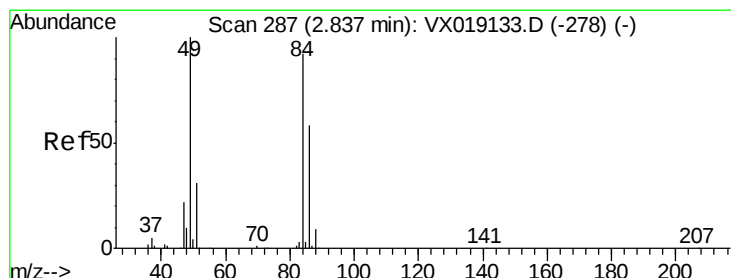
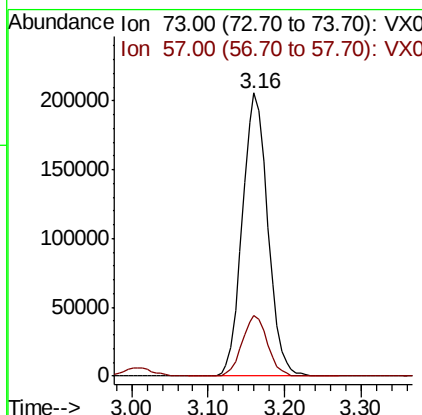
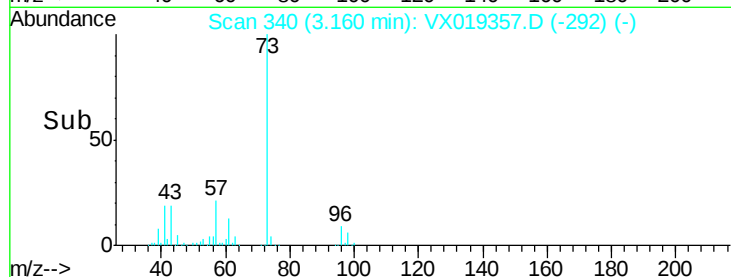
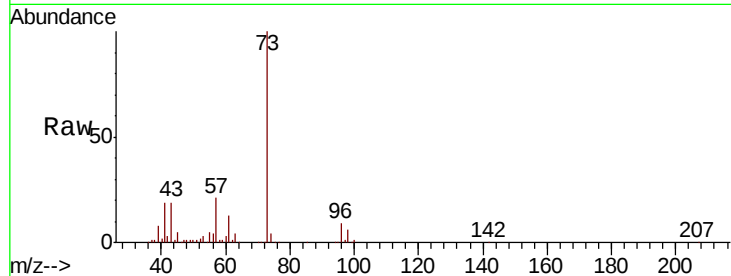
#19
Methyl tert-butyl Ether
Concen: 52.380 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 476446
Ion Ratio Lower Upper
73 100
57 21.3 16.6 25.0

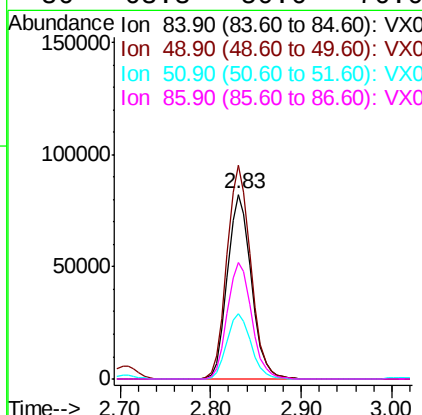
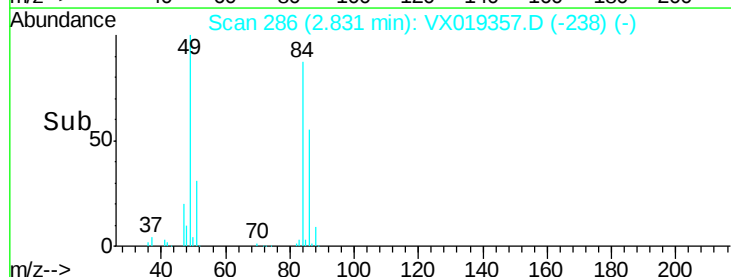
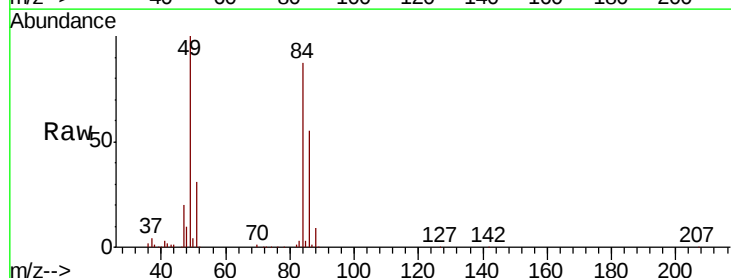
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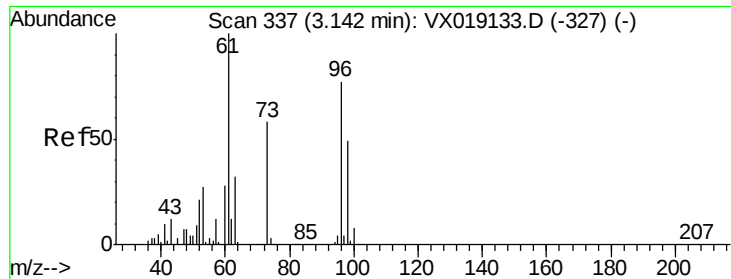
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#20
Methylene Chloride
Concen: 49.808 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion: 84 Resp: 150684
Ion Ratio Lower Upper
84 100
49 115.5 86.8 130.2
51 35.6 27.3 40.9
86 63.3 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 48.251 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

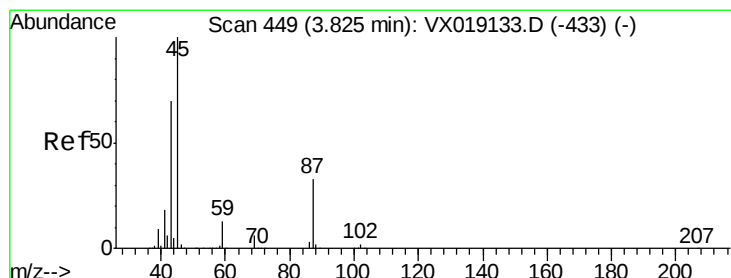
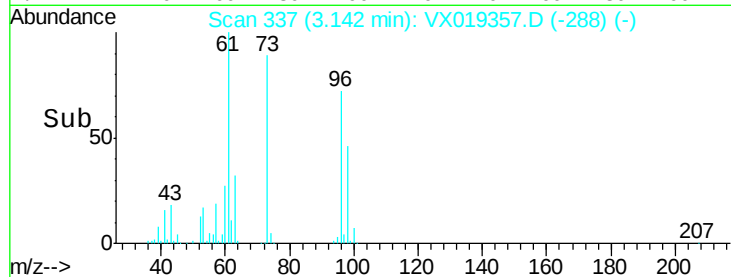
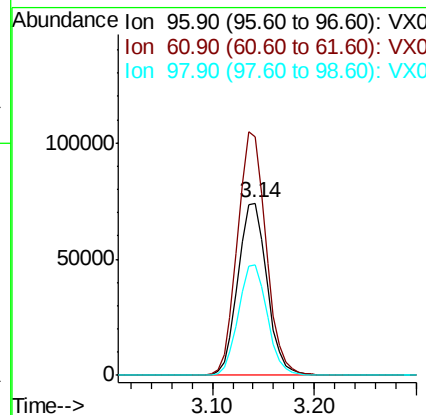
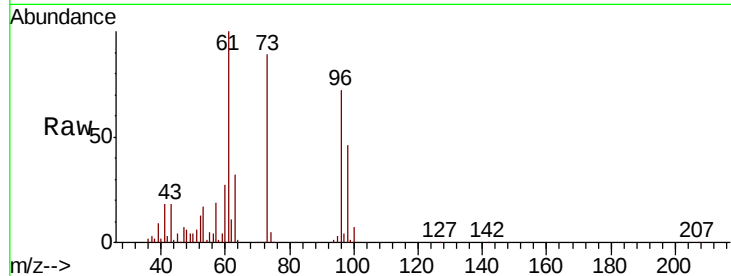
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	145780
Ion	Ratio	Lower	Upper
96	100		
61	138.4	104.2	156.4
98	64.1	51.3	76.9

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#22

Diisopropyl ether

Concen: 55.395 ug/l

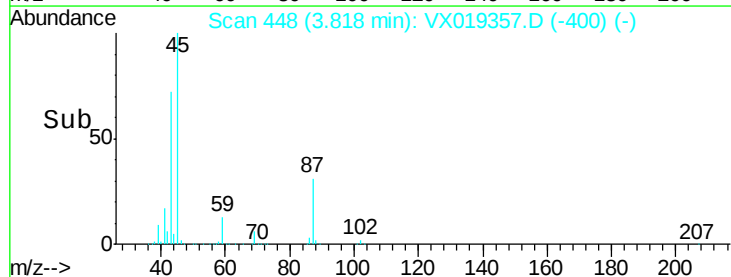
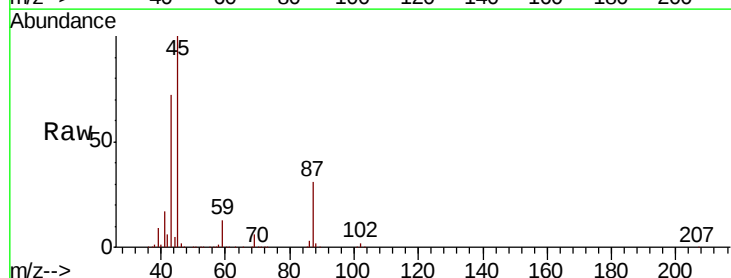
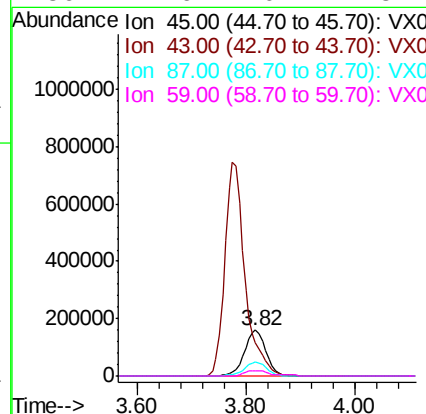
RT: 3.82 min Scan# 448

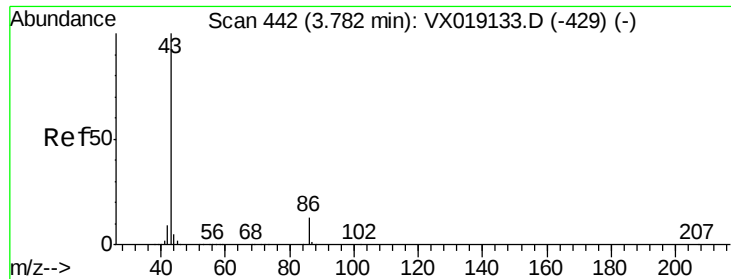
Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Tgt Ion:	45	Resp:	439120
Ion	Ratio	Lower	Upper
45	100		
43	72.1	56.2	84.4
87	30.9	26.2	39.2
59	12.6	10.1	15.1





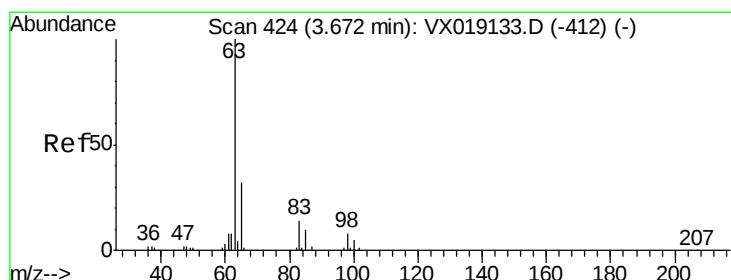
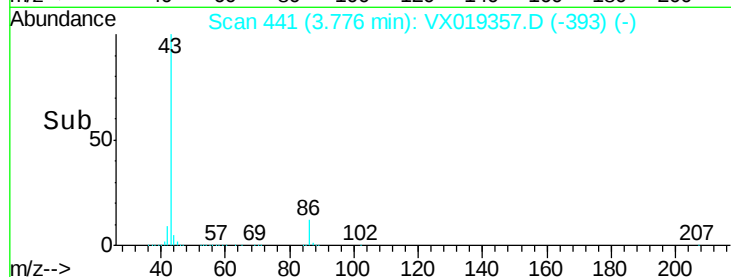
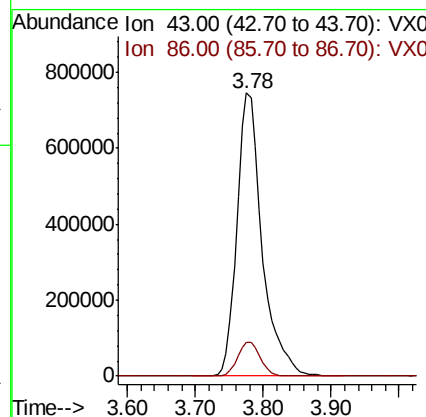
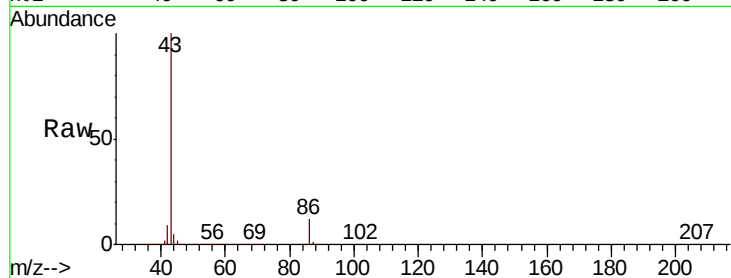
#23
 Vinyl Acetate
 Concen: 271.210 ug/l
 RT: 3.78 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: VX019357.D
 Acq: 09 Nov 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1917191
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.4 15.6

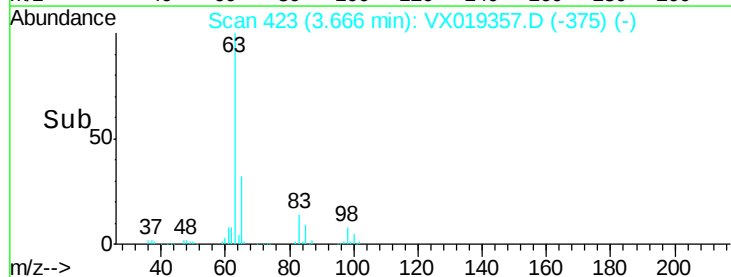
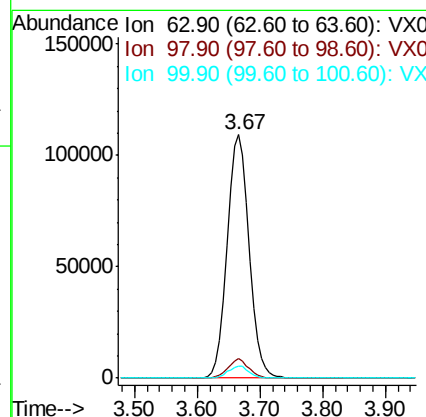
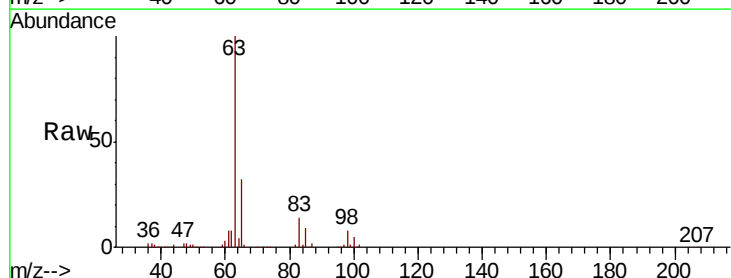
Manual Integrations
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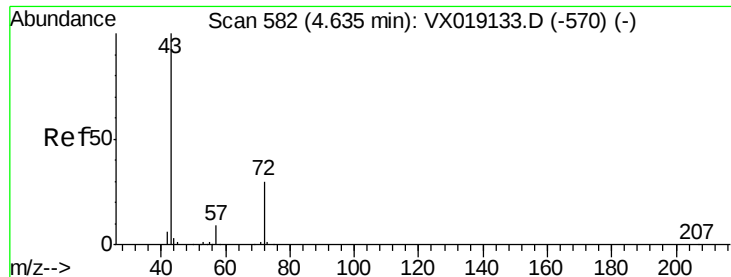
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 11/10/2020 8:57:39 AM



#24
 1,1-Dichloroethane
 Concen: 53.274 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX019357.D
 Acq: 09 Nov 2020 10:08

Tgt Ion: 63 Resp: 263672
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.4
 100 4.7 2.4 7.2





#25

2-Butanone

Concen: 272.403 ug/l

RT: 4.62 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 517330

Ion Ratio Lower Upper

43 100

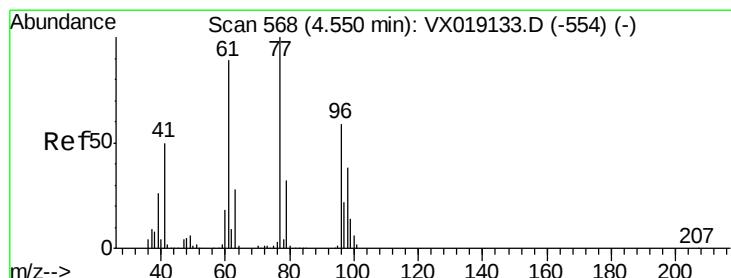
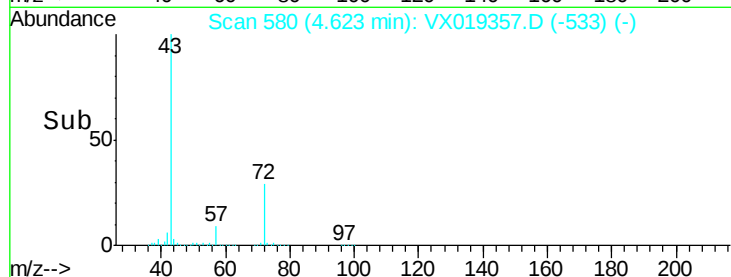
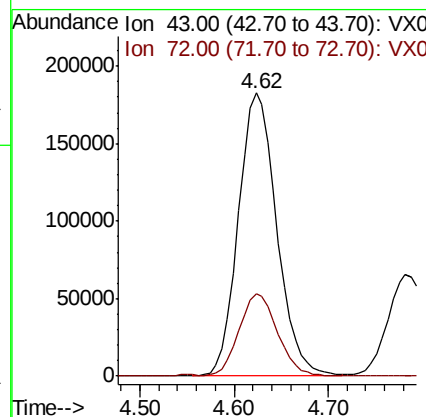
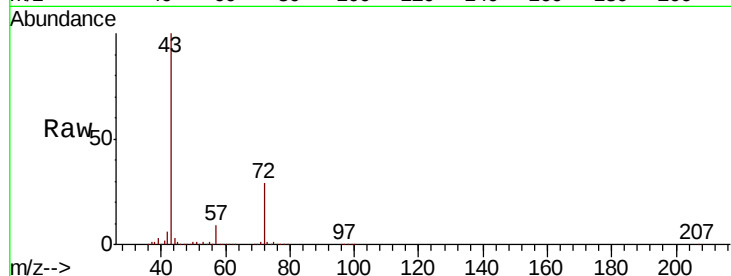
72 29.2 24.6 36.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.744 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019357.D

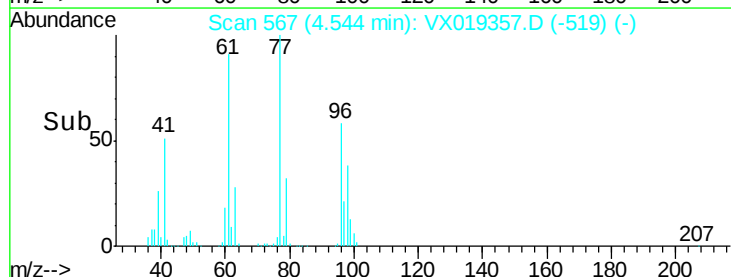
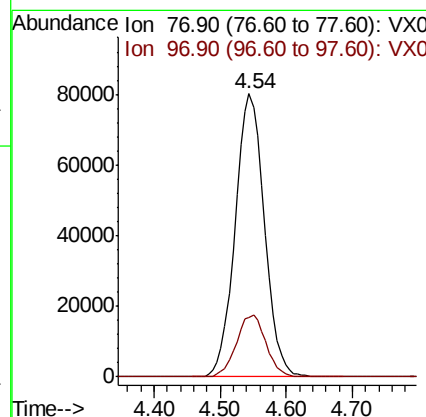
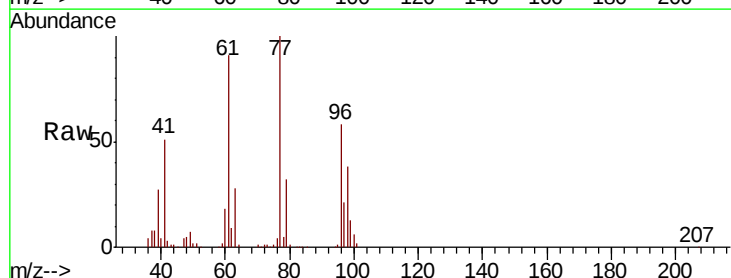
Acq: 09 Nov 2020 10:08

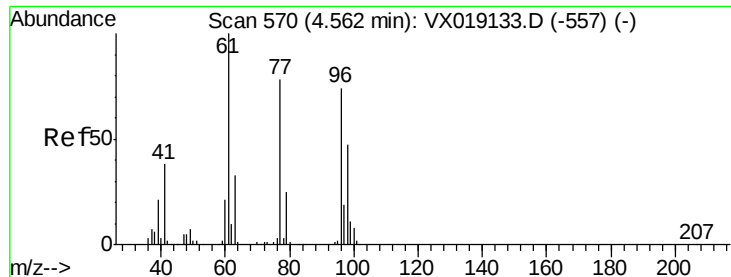
Tgt Ion: 77 Resp: 245411

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.1





#27

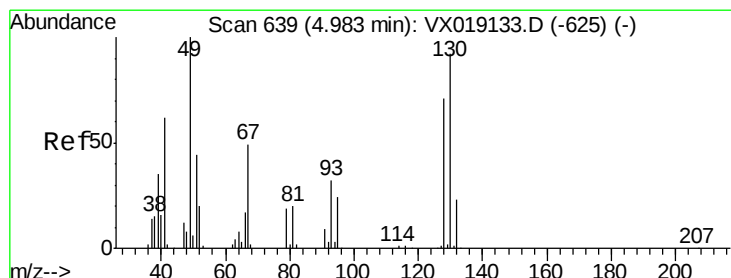
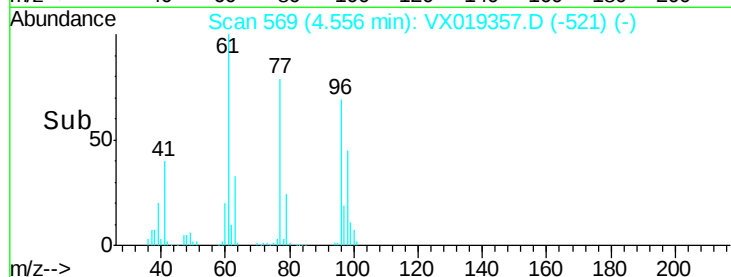
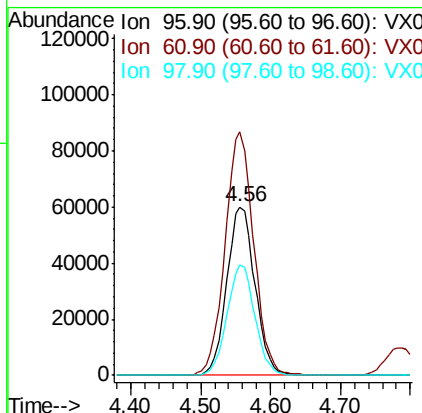
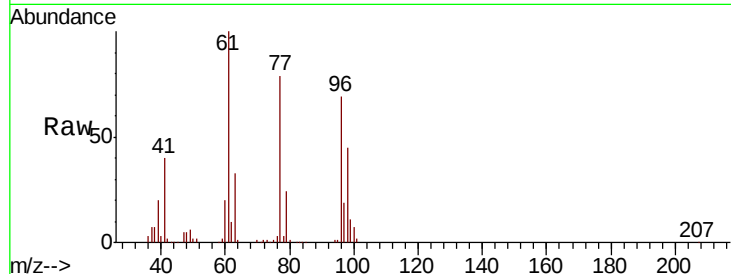
cis-1,2-Dichloroethene
Concen: 49.778 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	168058		
61	146.9	0.0	278.8	
98	64.8	0.0	130.2	

Manual Integrations
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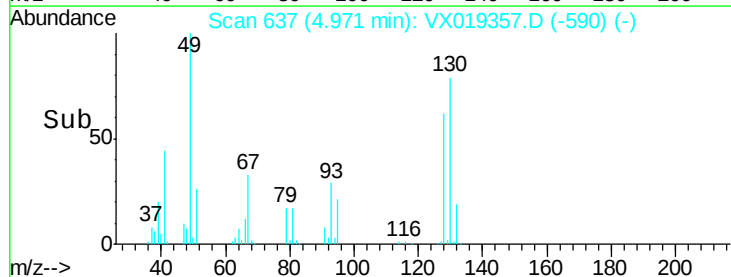
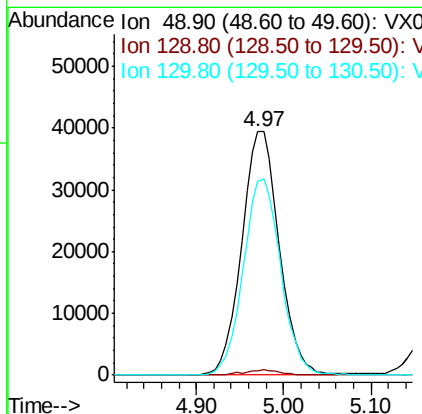
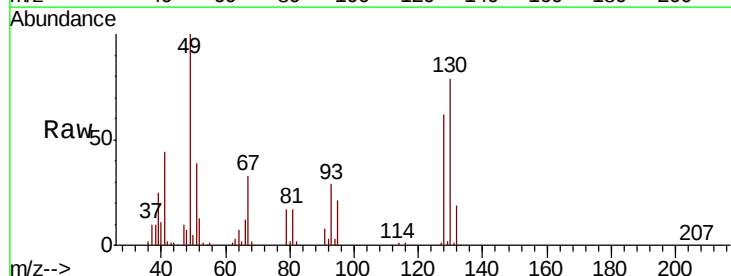
MMDadoda
11/10/2020 8:57:39 AM

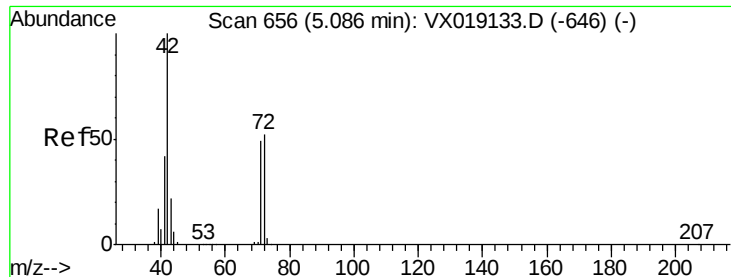


#28

Bromochloromethane
Concen: 52.124 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	117280		
129	2.0	0.0	4.4	
130	80.6	71.3	106.9	





#29

Tetrahydrofuran

Concen: 261.106 ug/l

RT: 5.07 min Scan# 654

Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

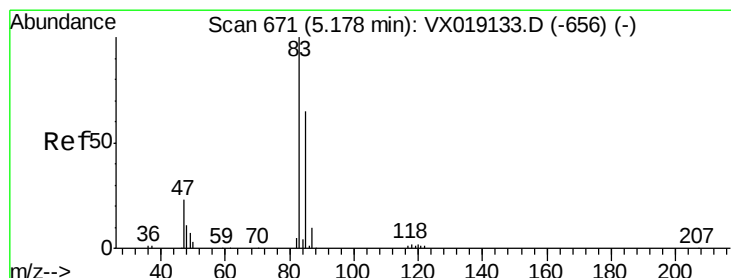
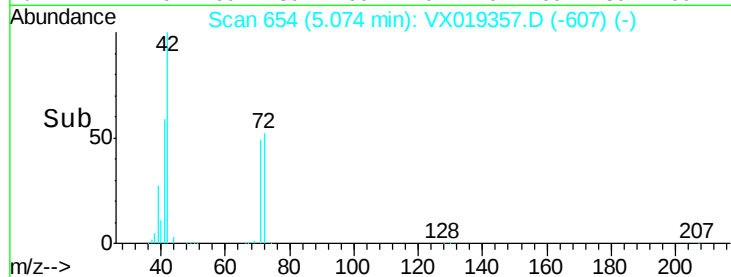
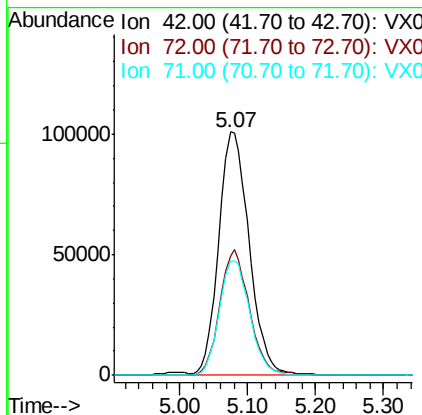
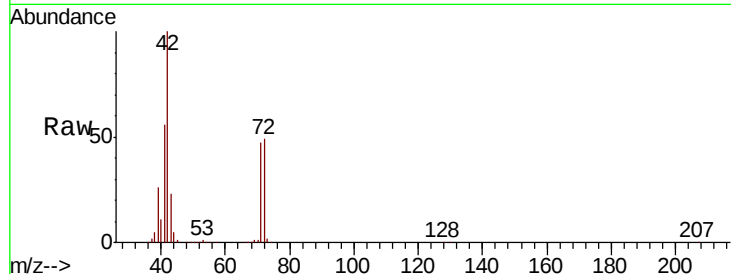
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	312498
Ion	Ratio	Lower	Upper
42	100		
72	50.7	42.6	63.8
71	47.5	39.7	59.5

Manual Integrations
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#30

Chloroform

Concen: 52.073 ug/l

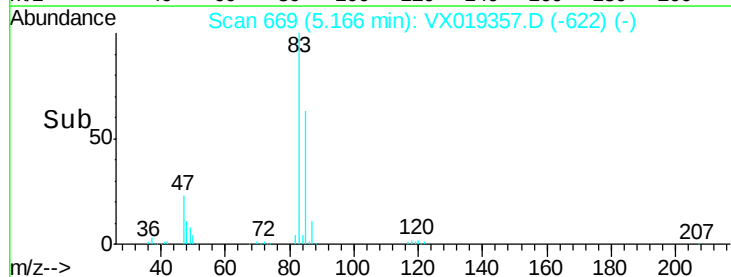
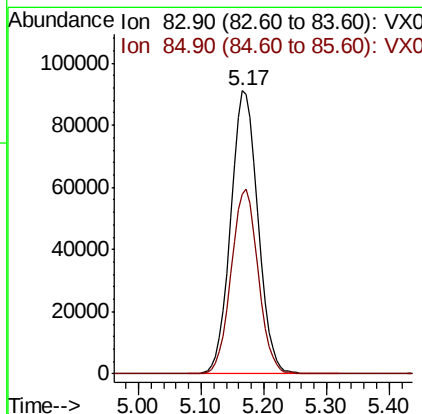
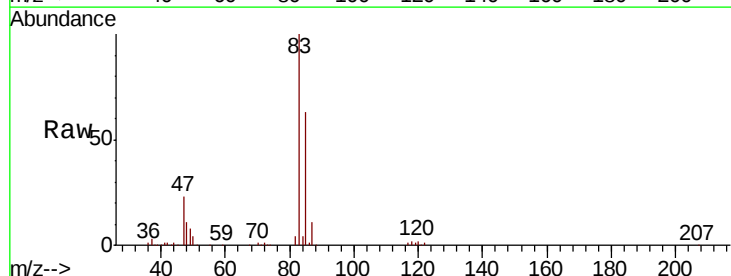
RT: 5.17 min Scan# 669

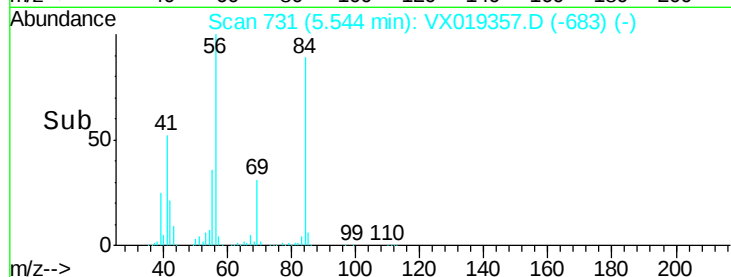
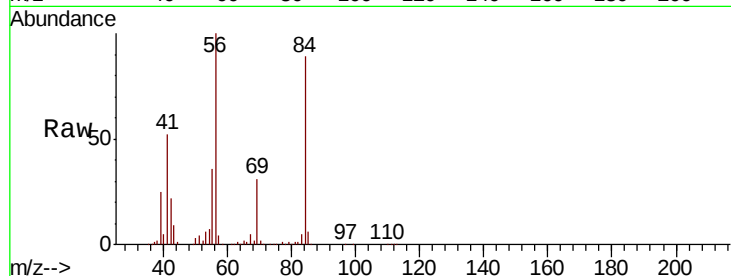
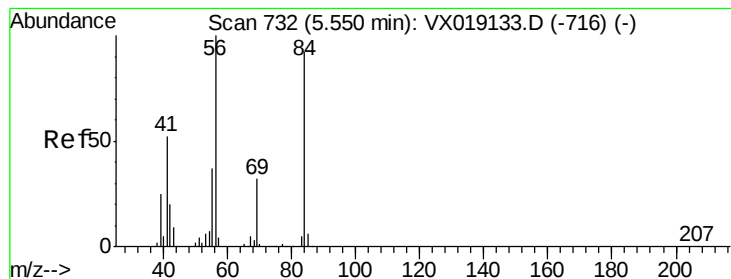
Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Tgt Ion:	83	Resp:	274330
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.9	77.9





#31

Cyclohexane

Concen: 51.718 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX019357.D

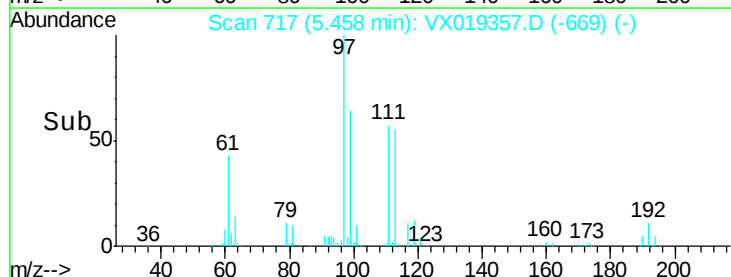
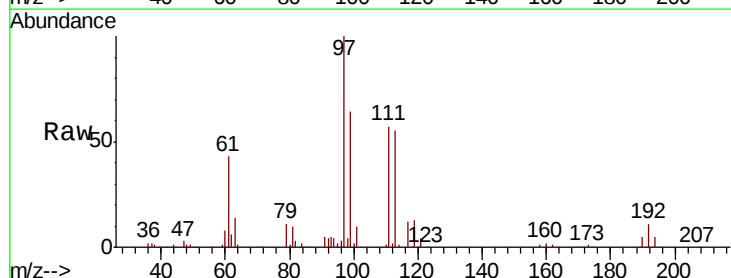
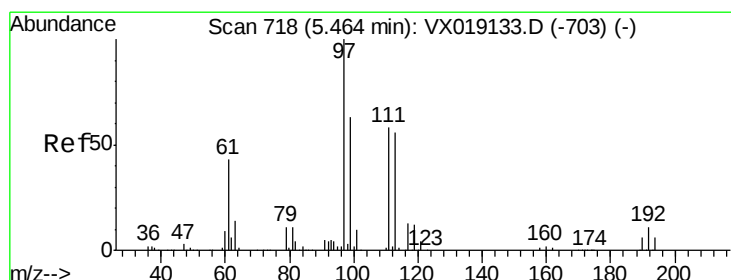
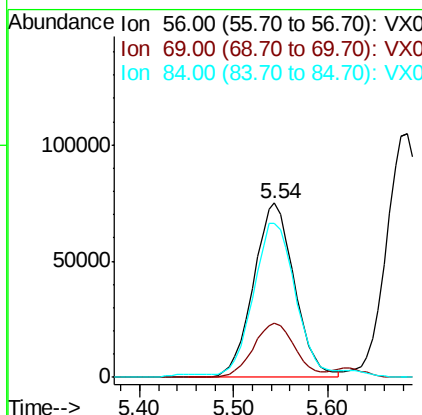
Acq: 09 Nov 2020 10:08

Tot Ion:	56	Resp:	228356
Ion Ratio	Lower	Upper	
56	100		
69	31.2	25.9	38.9
84	87.0	73.4	110.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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11/10/2020 8:57:39 AM



#32

1,1,1-Trichloroethane

Concen: 51.844 ug/l

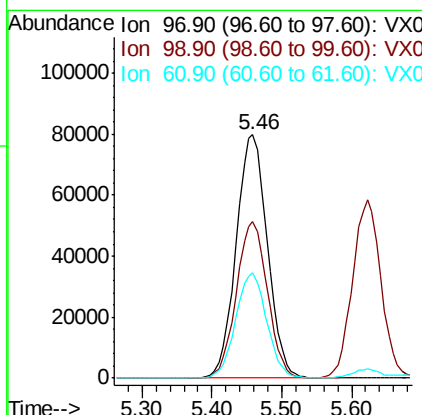
RT: 5.46 min Scan# 717

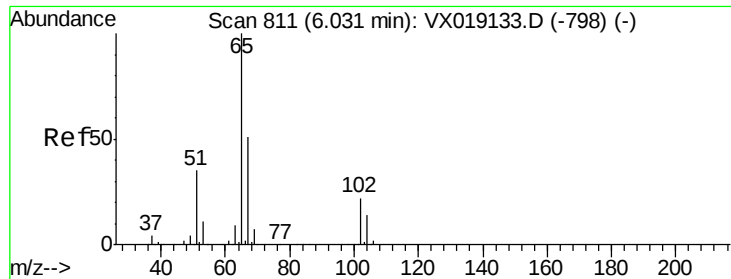
Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Tgt Ion:	97	Resp:	247624
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.7	77.5
61	43.1	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 46.441 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 162221

Ion Ratio Lower Upper

65 100

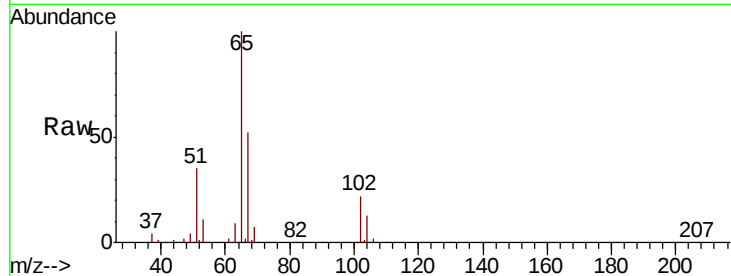
67 52.1 0.0 103.0

Manual Integrations

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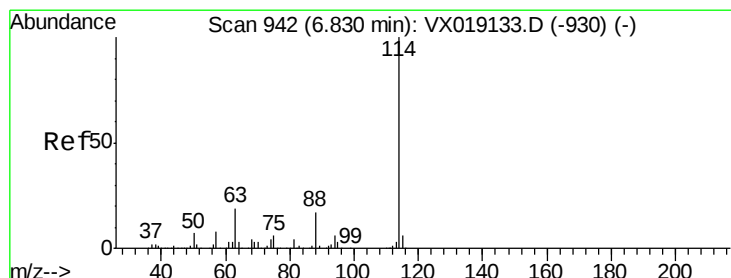
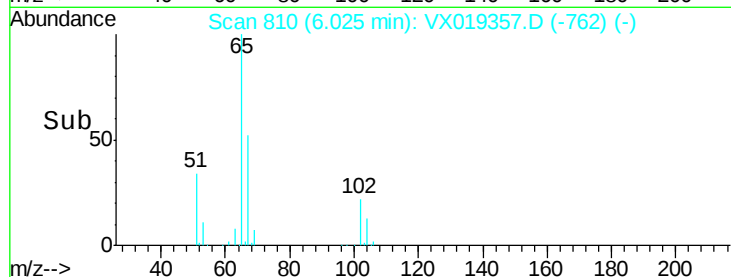
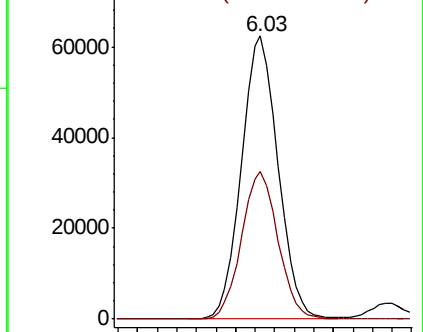
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

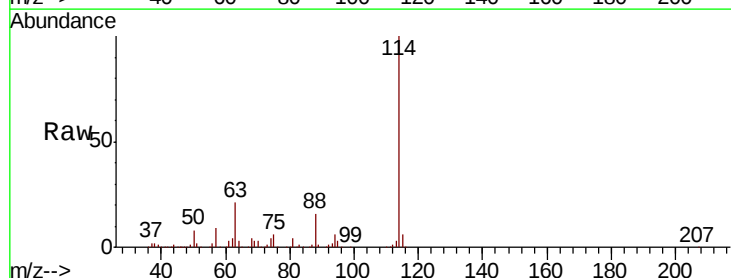
Tgt Ion: 114 Resp: 444395

Ion Ratio Lower Upper

114 100

63 20.9 0.0 38.8

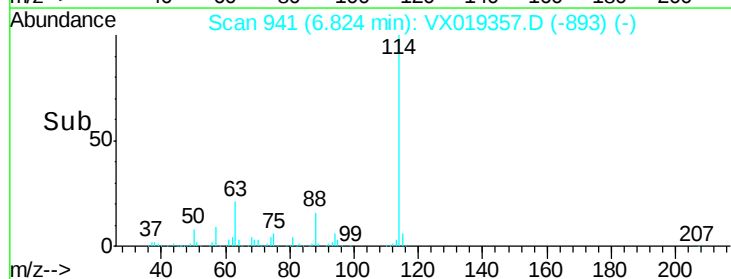
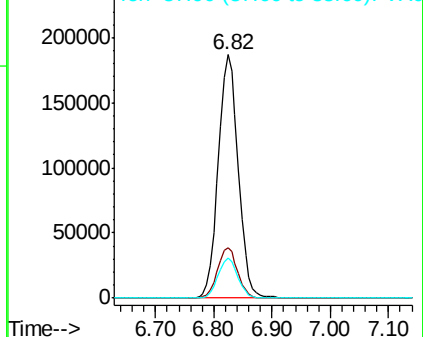
88 16.3 0.0 34.2

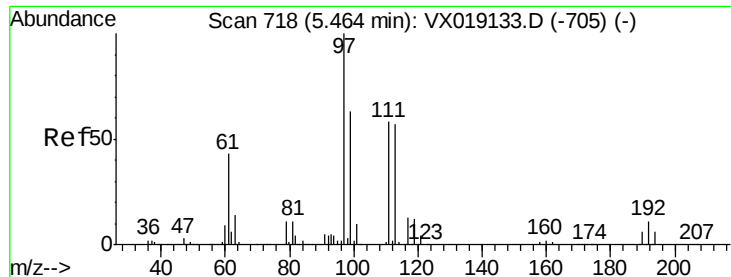


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





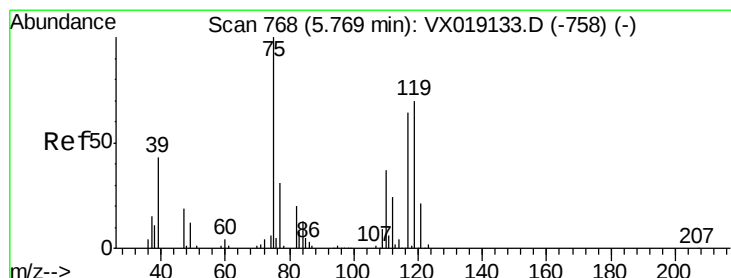
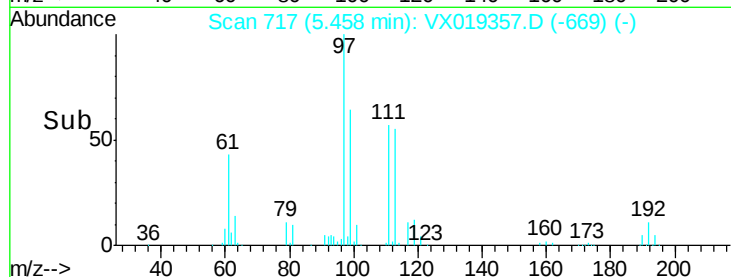
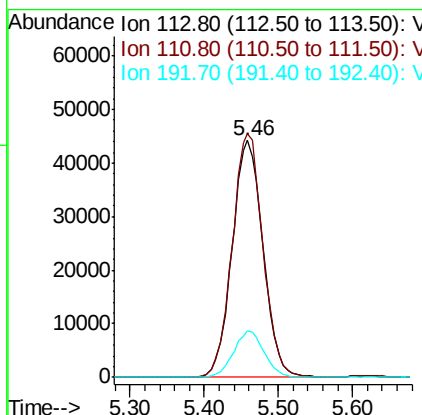
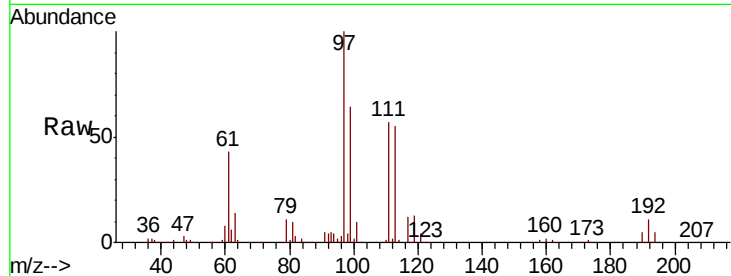
#35
Dibromofluoromethane
Concen: 46.047 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	128537		
111	102.2	82.3	123.5	
192	19.5	16.2	24.2	

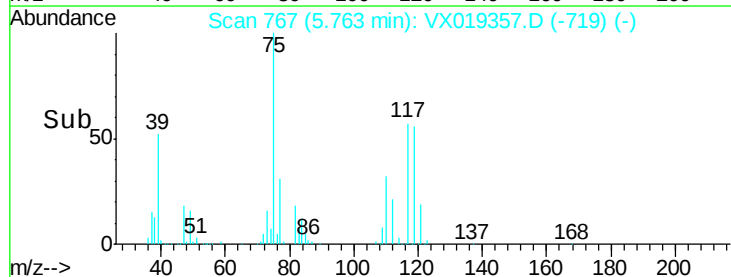
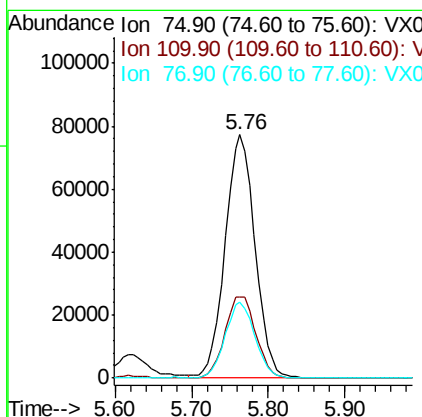
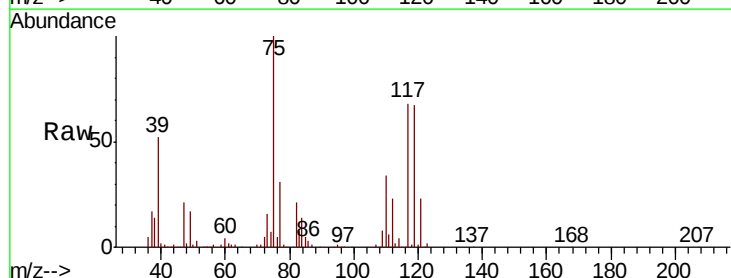
Manual Integrations
APPROVED

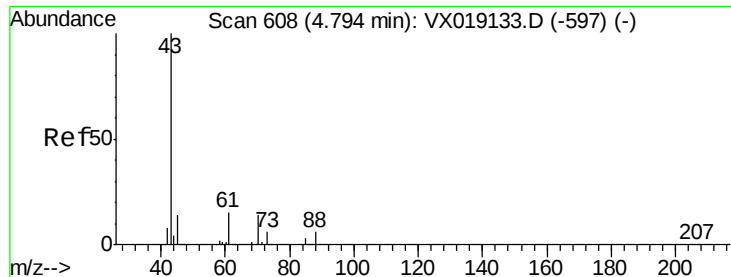
MMDadoda
11/10/2020 8:57:39 AM



#36
1,1-Dichloropropene
Concen: 50.830 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	208590		
110	34.9	18.3	54.9	
77	31.0	24.9	37.3	





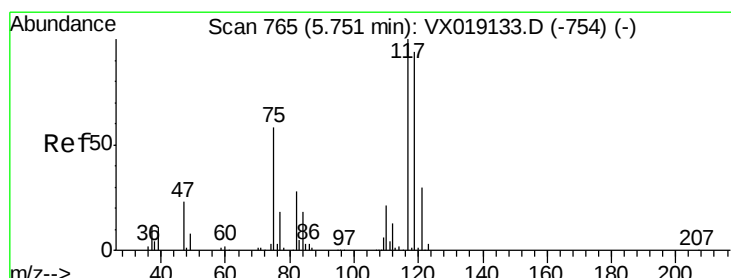
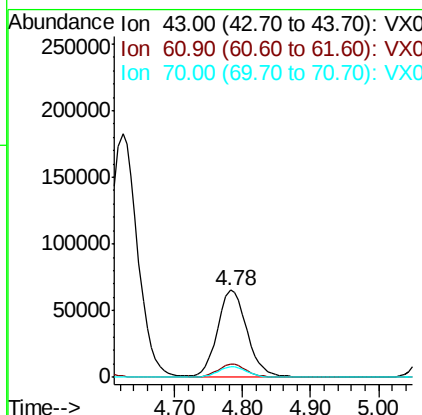
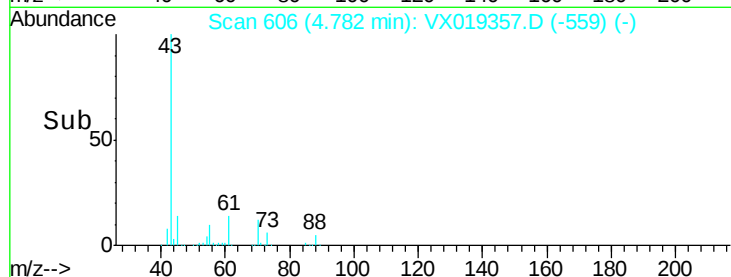
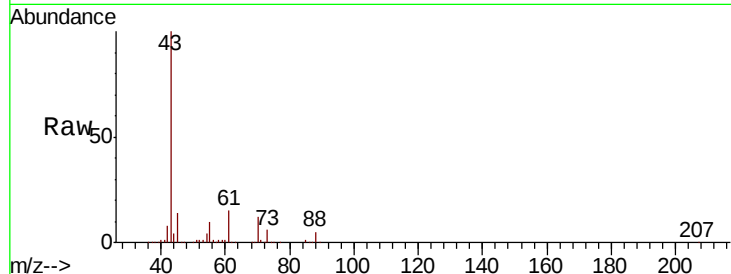
#37
Ethyl Acetate
Concen: 51.476 ug/l
RT: 4.78 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	196129
Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.5	18.7
70	12.5	10.5	15.7

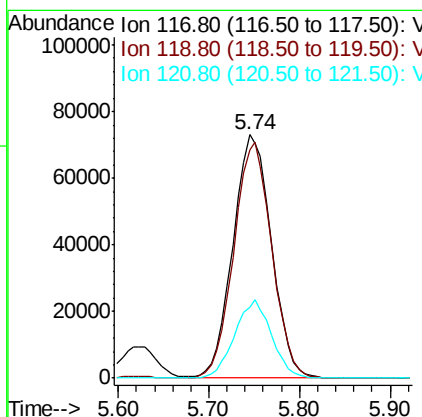
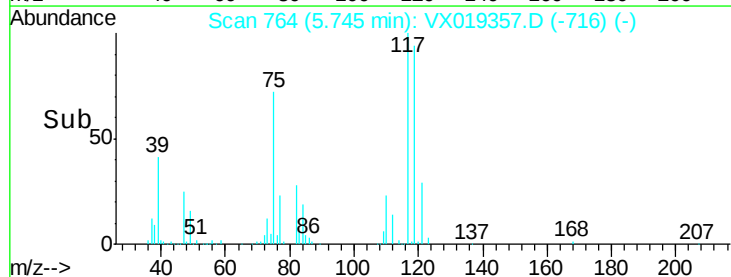
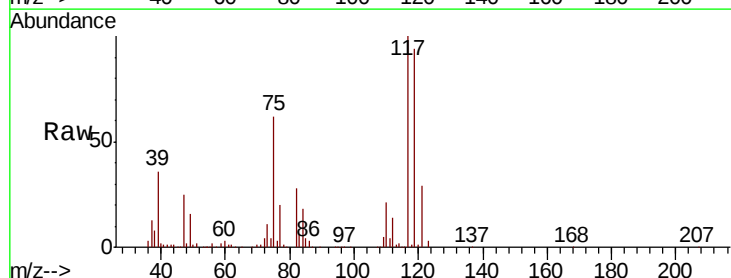
Manual Integrations
APPROVED

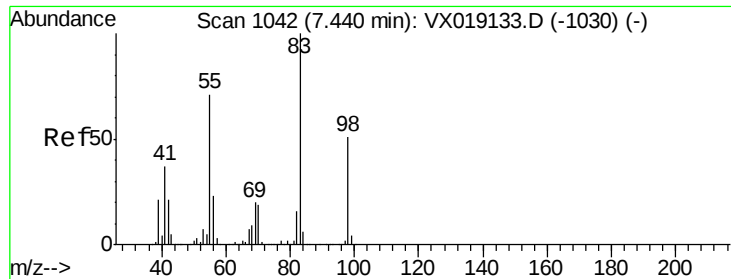
MMDadoda
11/10/2020 8:57:39 AM



#38
Carbon Tetrachloride
Concen: 51.188 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion	117	Resp	214113
Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.0	112.6
121	29.2	23.9	35.9





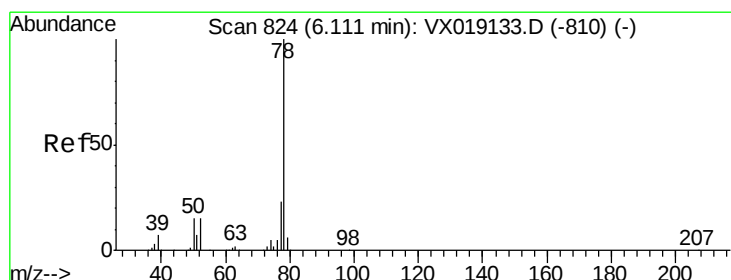
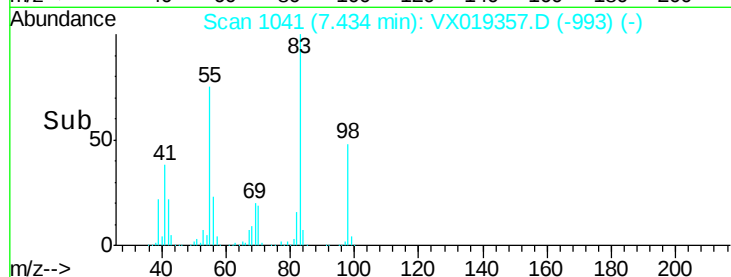
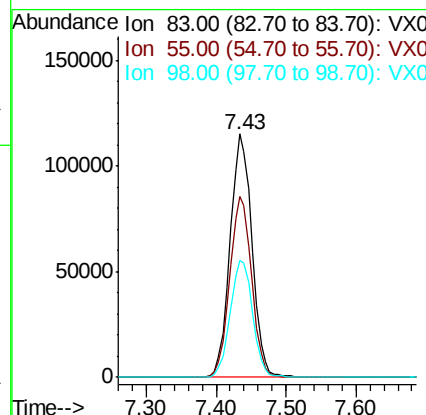
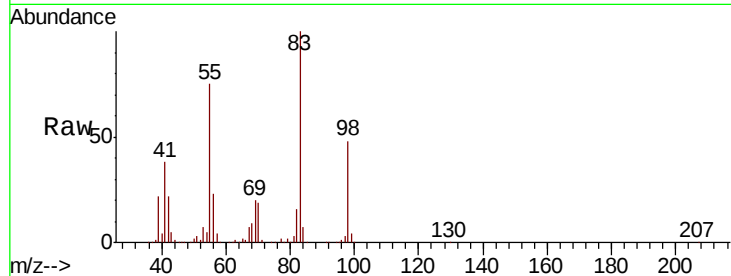
#39
Methvlcvclohexane
Concen: 50.981 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.5	57.0	85.6
98	48.2	40.5	60.7

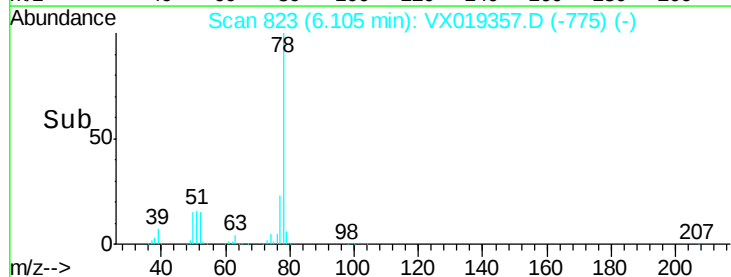
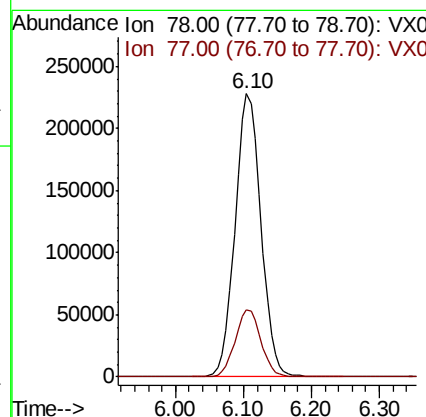
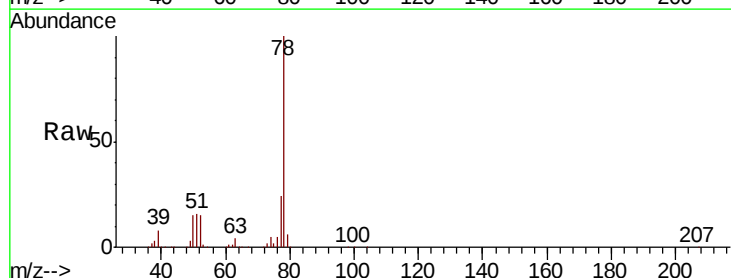
Manual Integrations
APPROVED

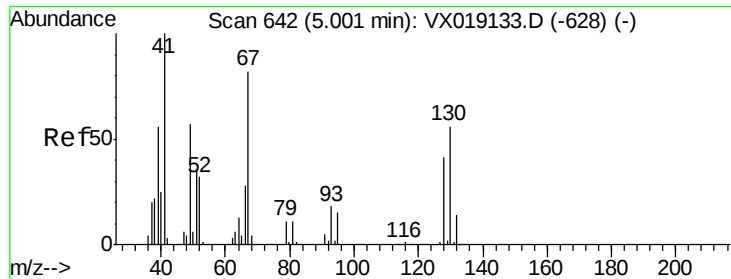
MMDadoda
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#40
Benzene
Concen: 51.700 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.7	28.1





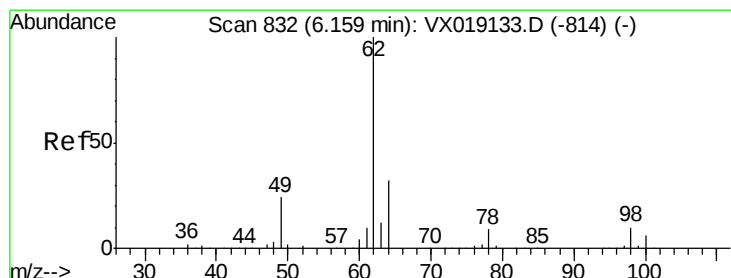
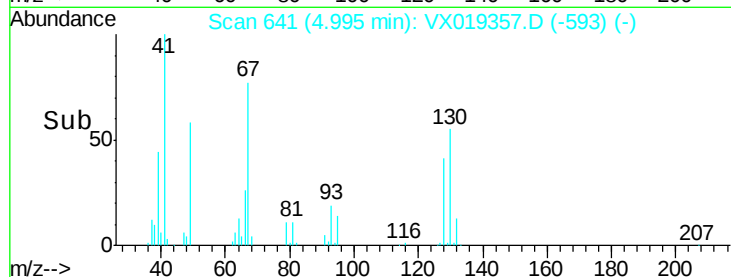
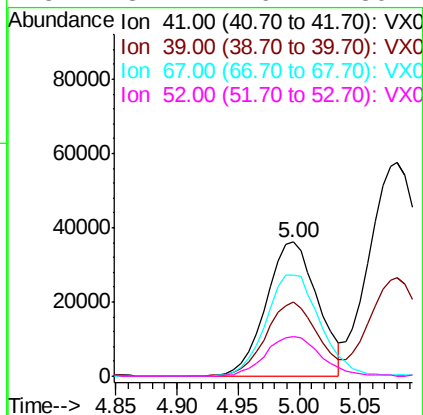
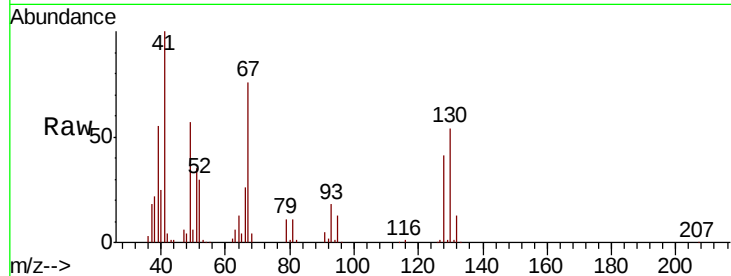
#41
Methacrylonitrile
Concen: 51.523 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.6	44.4	66.6	
67	80.7	66.4	99.6	
52	32.4	26.2	39.4	

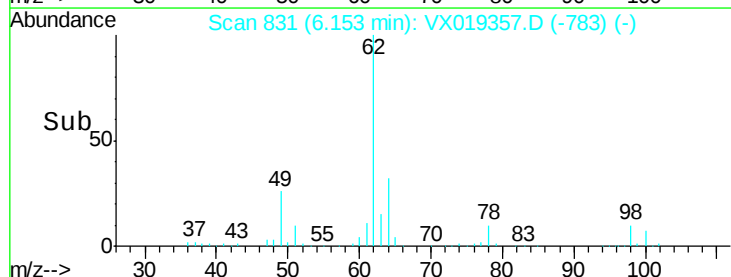
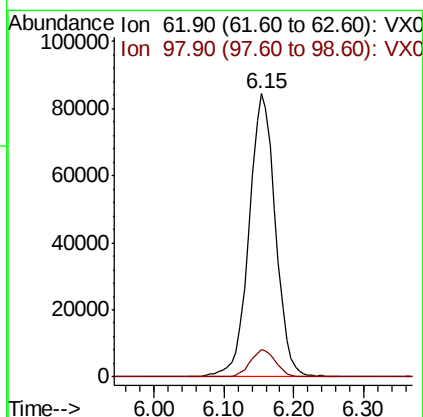
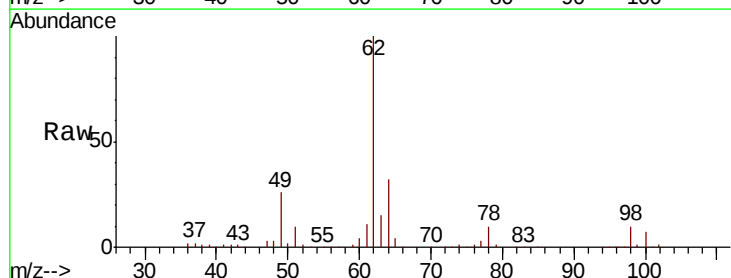
Manual Integrations
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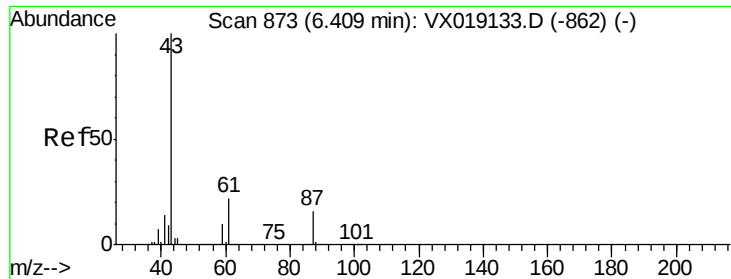
MMDadoda
11/10/2020 8:57:39 AM



#42
1,2-Dichloroethane
Concen: 51.510 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	19.0	





#43

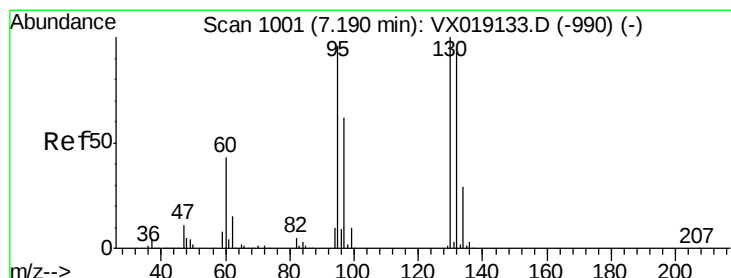
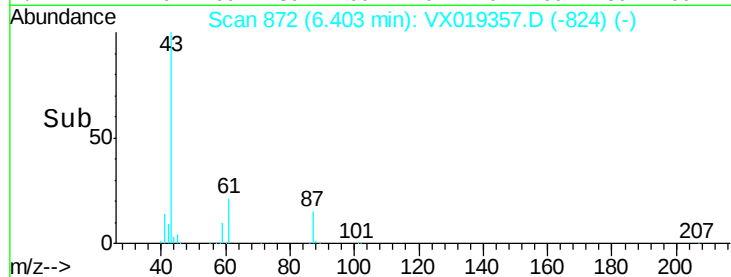
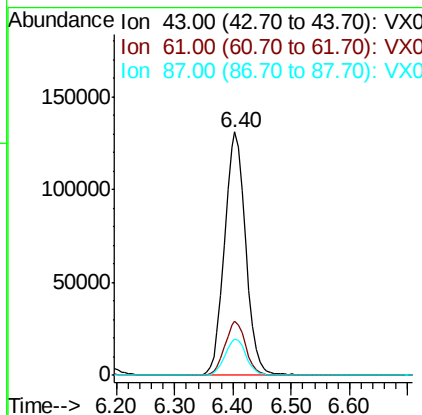
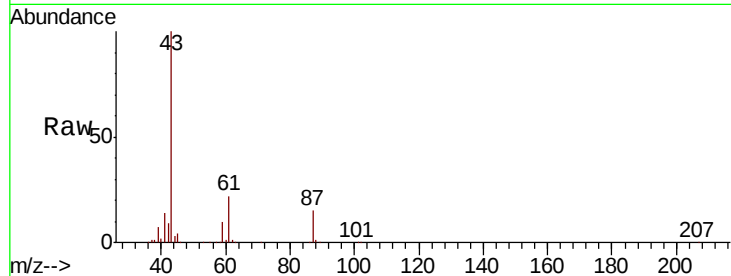
Isopropyl Acetate
 Concen: 51.849 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX019357.D
 Acq: 09 Nov 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.8	26.6
87	15.1	12.6	19.0

Manual Integrations
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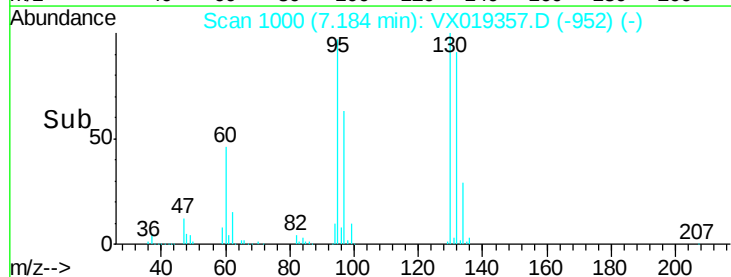
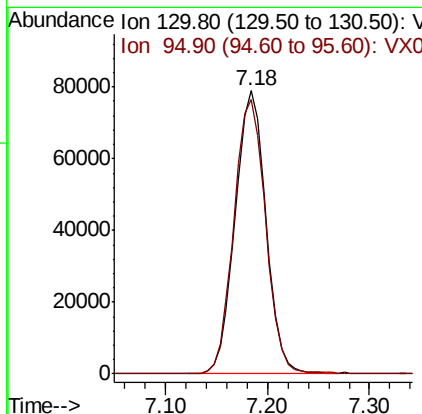
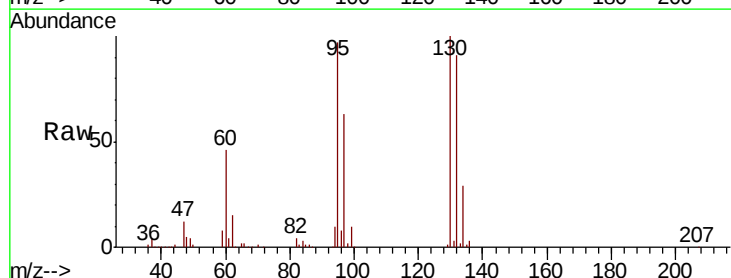
MMDadoda
 11/10/2020 8:57:39 AM

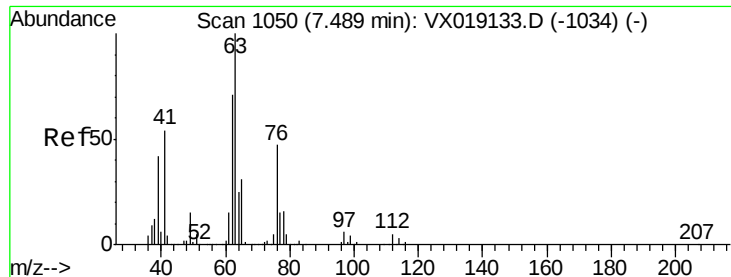


#44

Trichloroethene
 Concen: 49.725 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX019357.D
 Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	192.0





#45

1,2-Dichloropropane

Concen: 53.791 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 153297

Ion Ratio Lower Upper

63 100

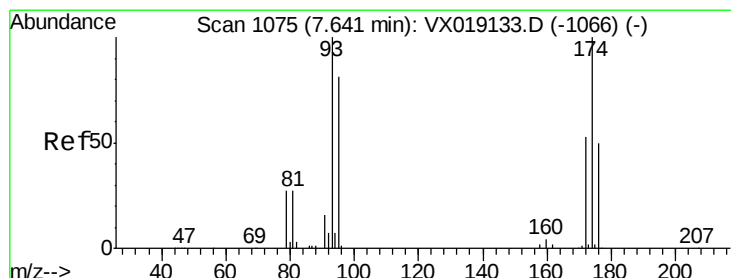
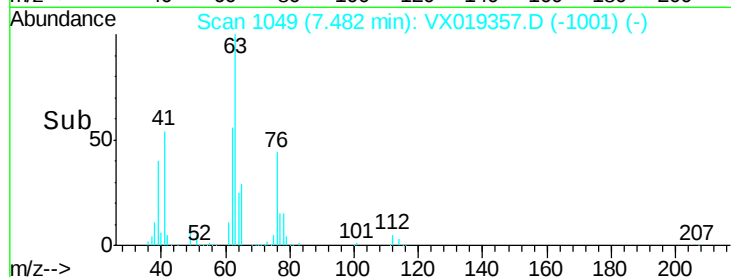
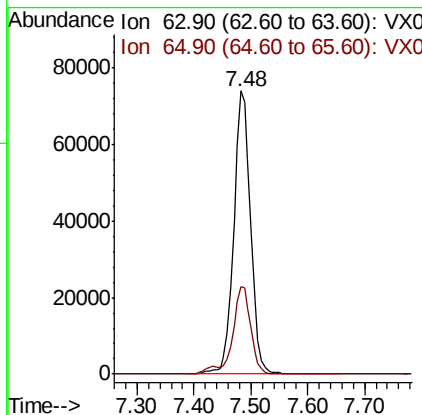
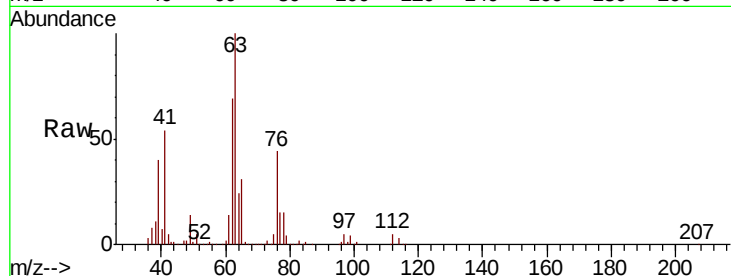
65 30.7 25.2 37.8

Manual Integrations

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#46

Dibromomethane

Concen: 49.687 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

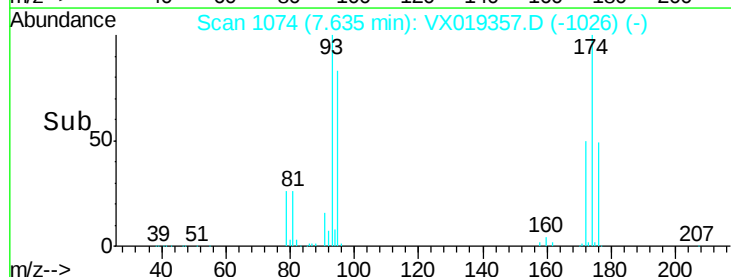
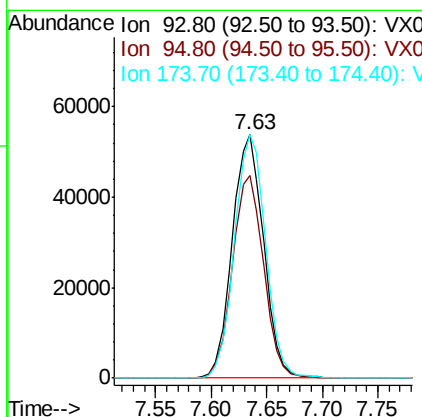
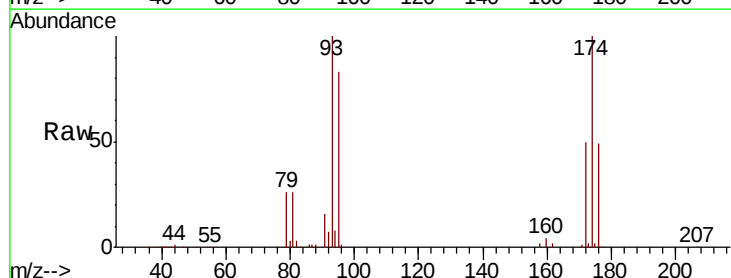
Tgt Ion: 93 Resp: 104709

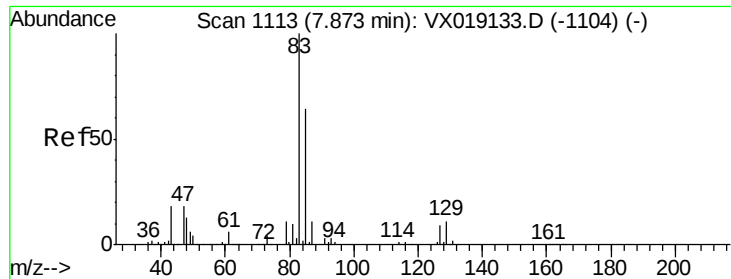
Ion Ratio Lower Upper

93 100

95 83.4 67.0 100.6

174 100.1 81.7 122.5





#47

Bromodichloromethane

Concen: 52.301 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

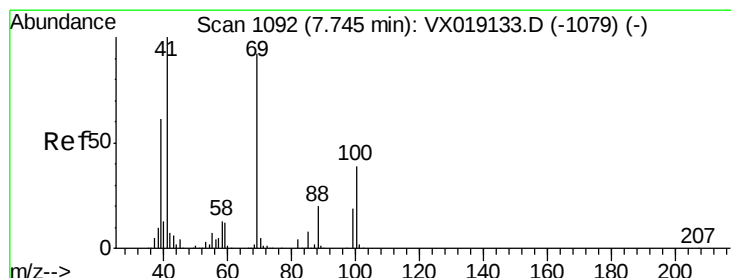
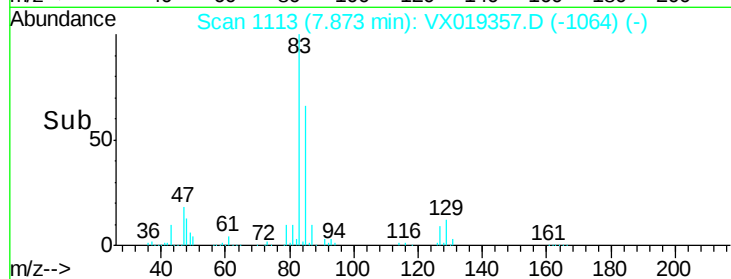
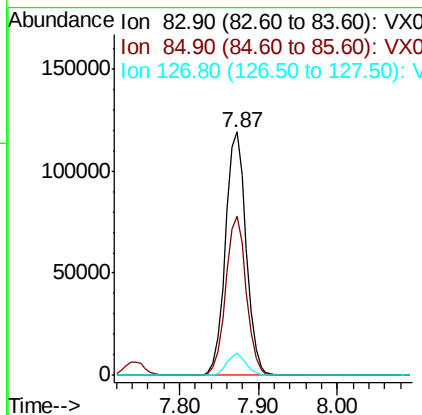
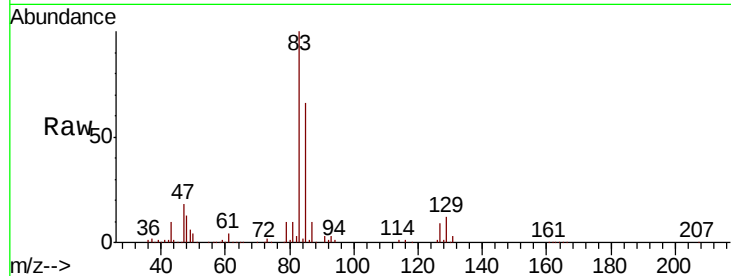
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	217243
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.2	76.8
127	8.9	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.732 ug/l

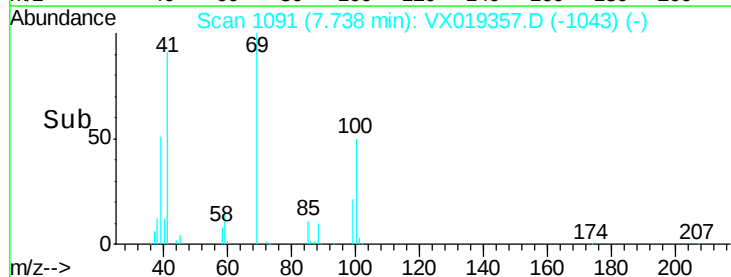
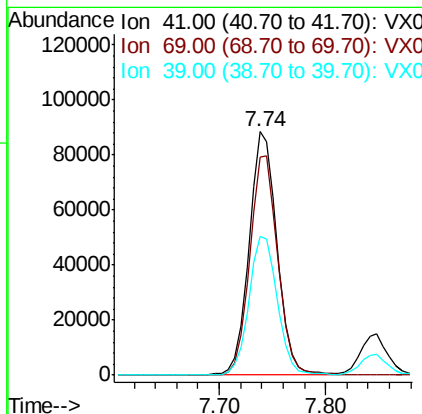
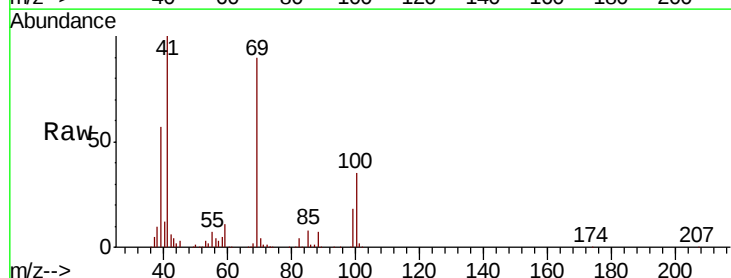
RT: 7.74 min Scan# 1091

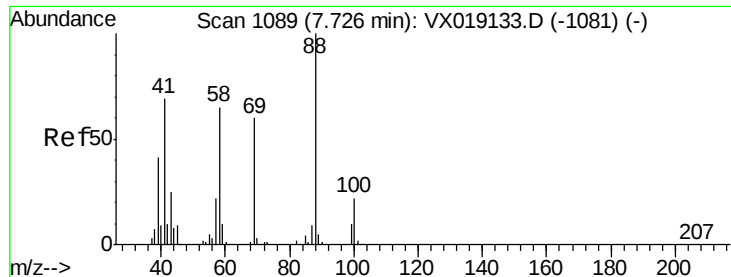
Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Tgt Ion:	41	Resp:	161923
Ion	Ratio	Lower	Upper
41	100		
69	90.9	75.5	113.3
39	58.1	48.9	73.3





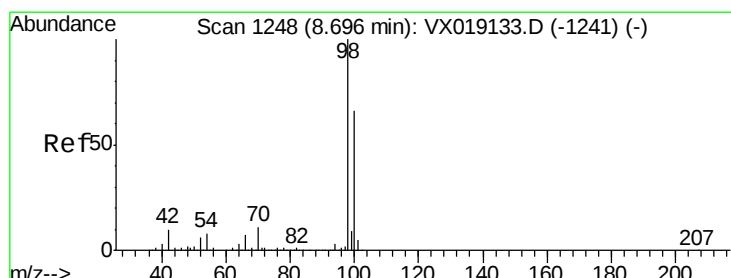
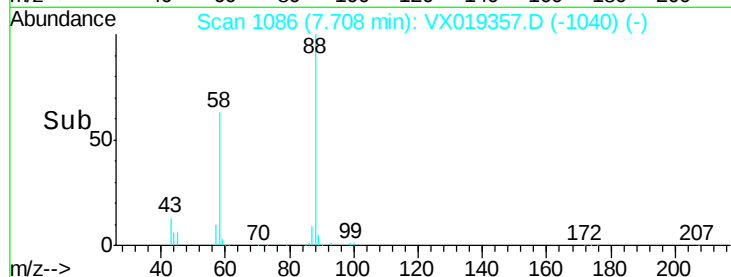
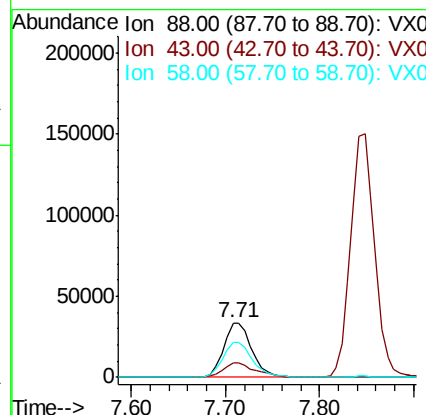
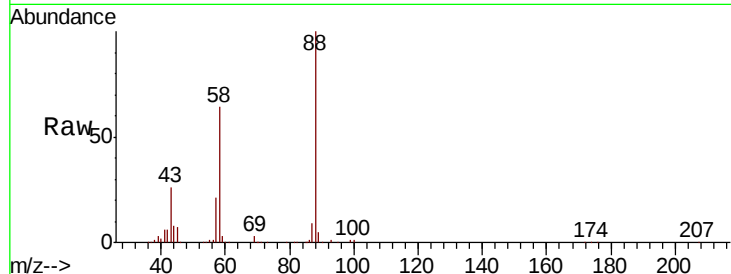
#49
1,4-Dioxane
Concen: 1011.789 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.02 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.4	23.0	34.6
58	68.6	52.2	78.2

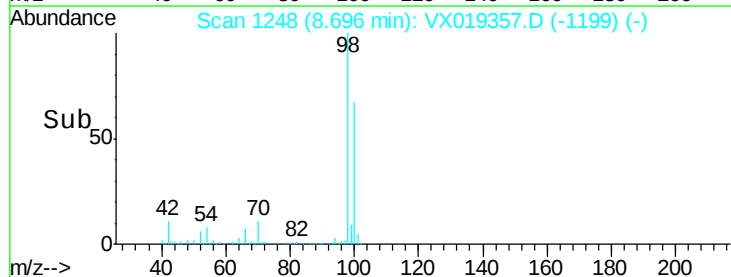
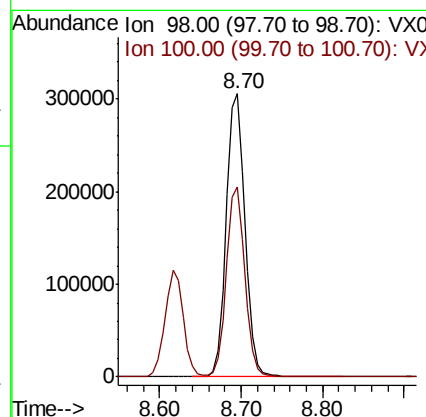
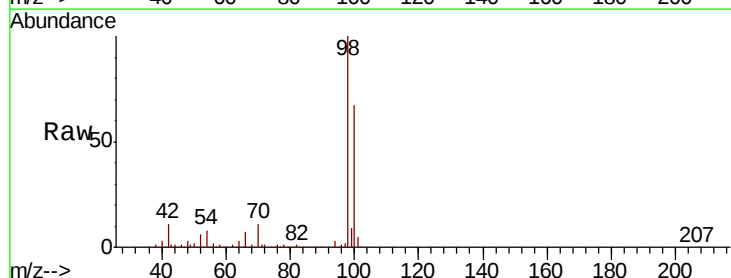
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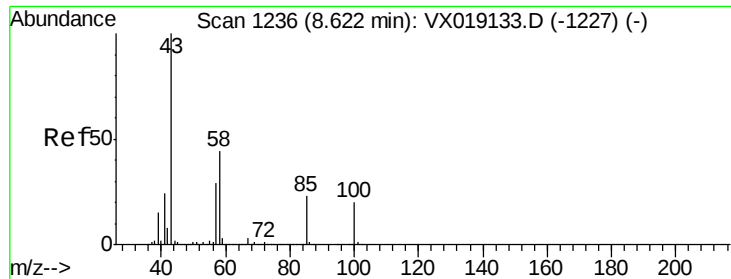
MMDadoda
11/10/2020 8:57:39 AM



#50
Toluene-d8
Concen: 46.245 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 269.492 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 988170

Ion Ratio Lower Upper

43 100

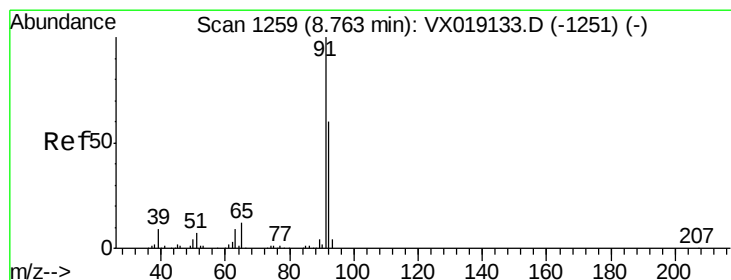
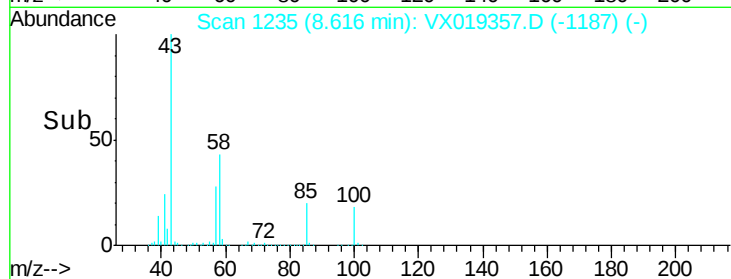
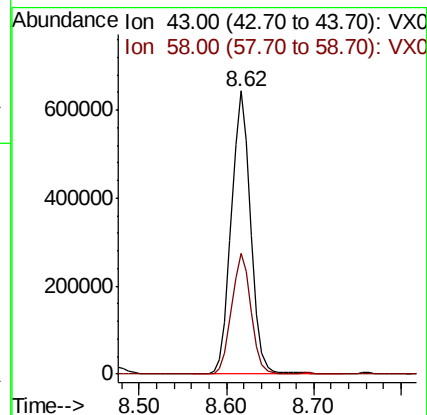
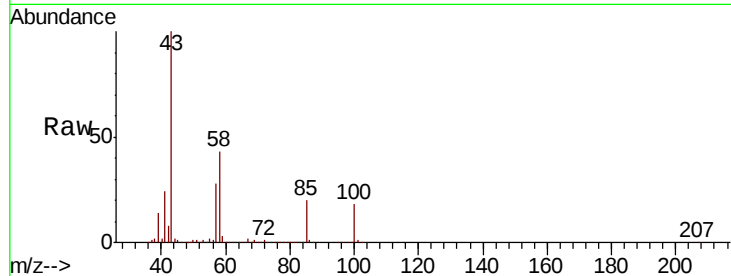
58 42.9 35.0 52.4

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#52

Toluene

Concen: 51.347 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019357.D

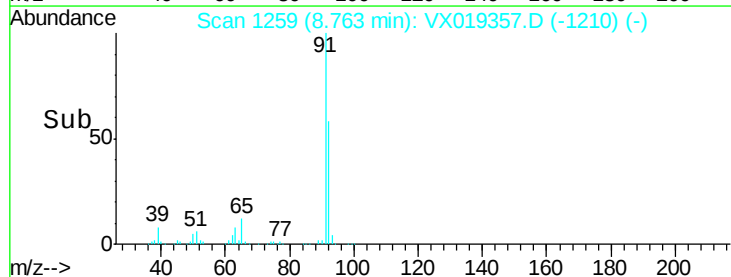
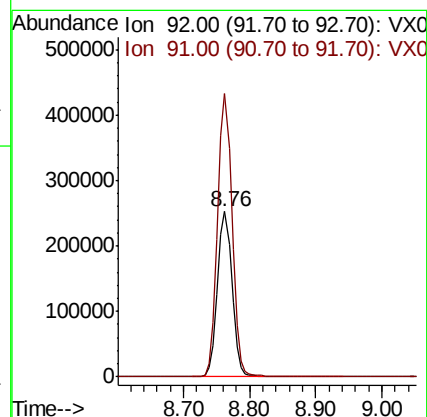
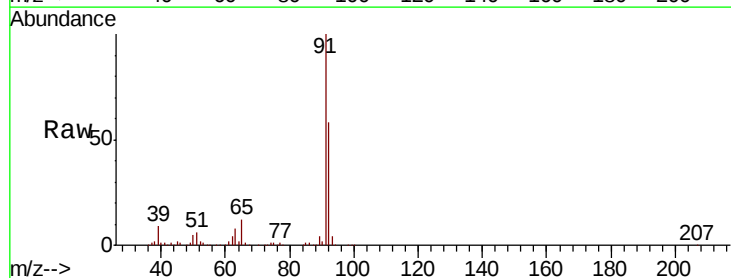
Acq: 09 Nov 2020 10:08

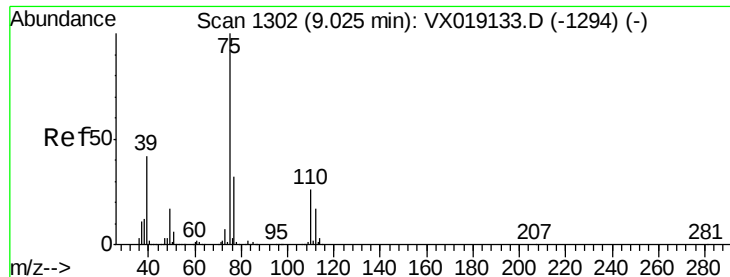
Tgt Ion: 92 Resp: 384782

Ion Ratio Lower Upper

92 100

91 170.6 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 52.395 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 248581

Ion Ratio Lower Upper

75 100

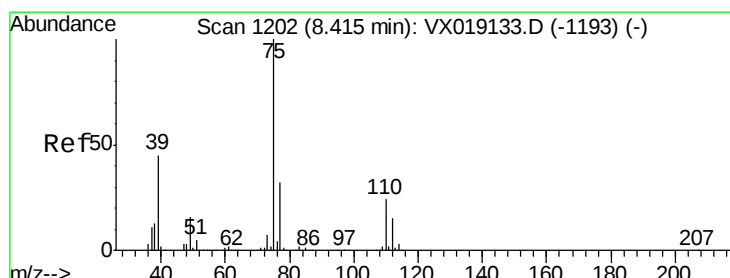
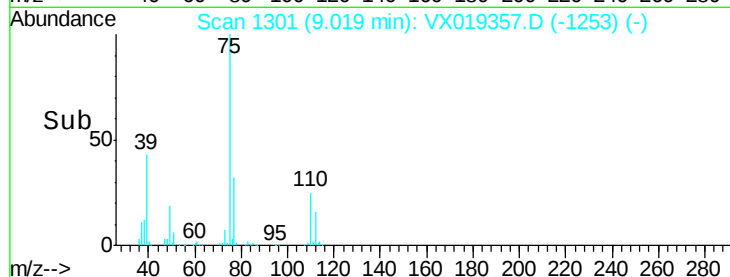
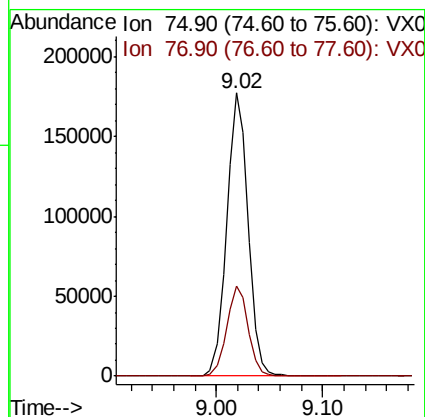
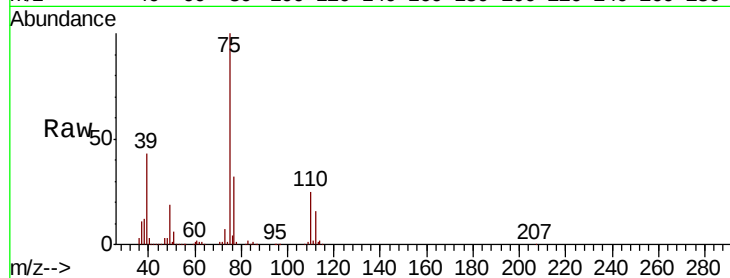
77 31.8 25.4 38.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 52.899 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

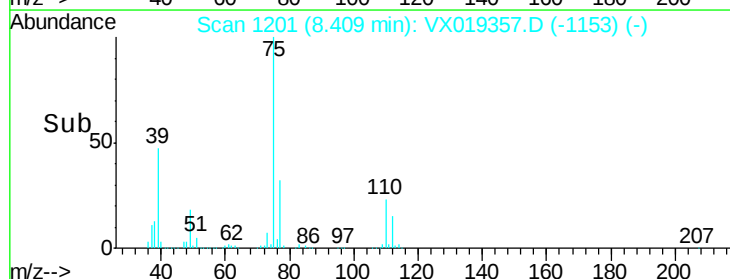
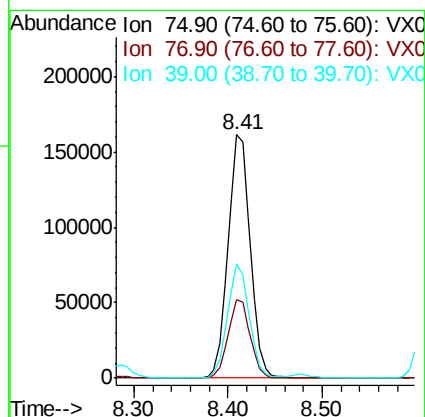
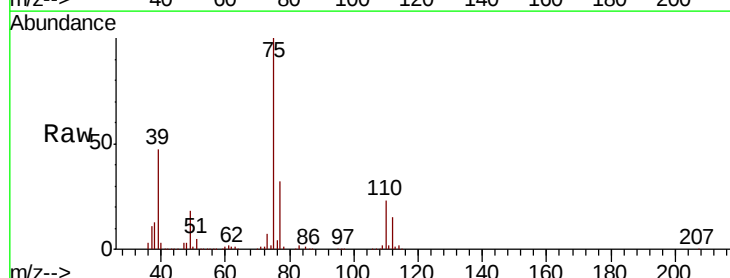
Tgt Ion: 75 Resp: 263912

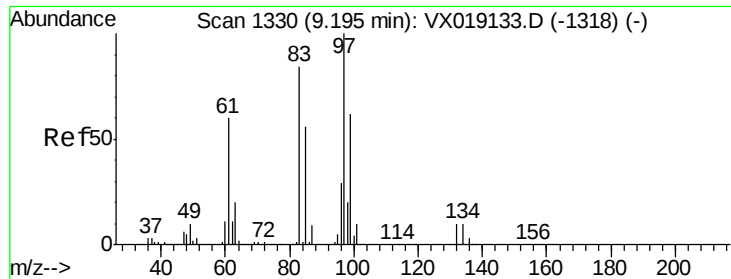
Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

39 47.0 36.2 54.2





#55

1,1,2-Trichloroethane

Concen: 51.415 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

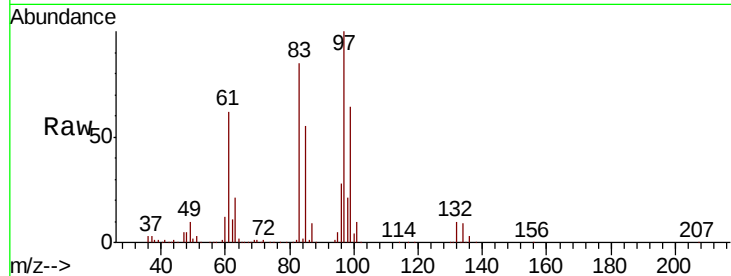
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	152233
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.2	100.8
85	54.8	44.6	67.0
99	64.2	49.4	74.0

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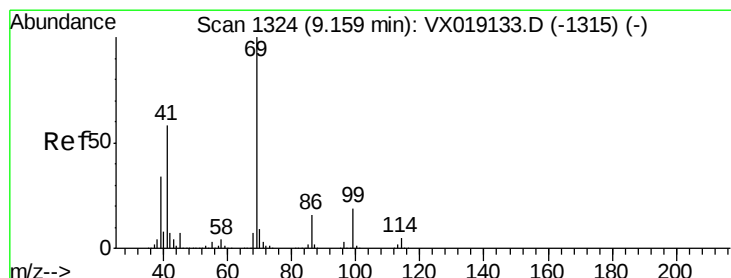
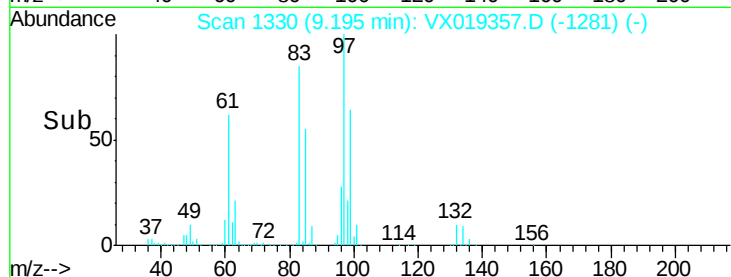
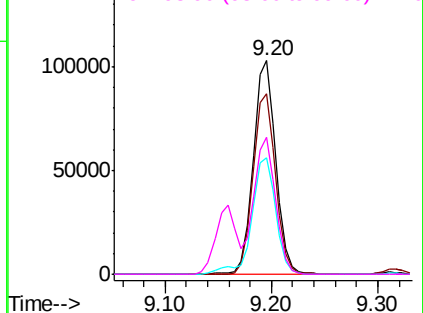
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.385 ug/l

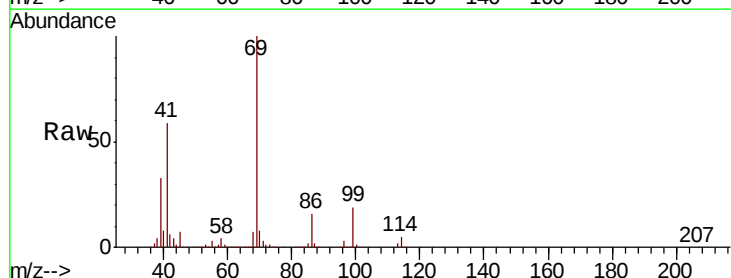
RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Tgt Ion:	69	Resp:	238752
Ion	Ratio	Lower	Upper
69	100		
41	60.2	46.5	69.7
39	34.1	27.6	41.4

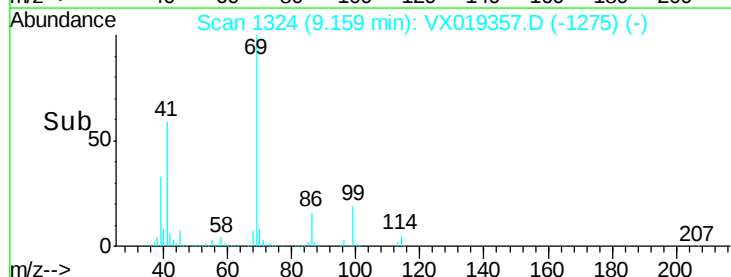
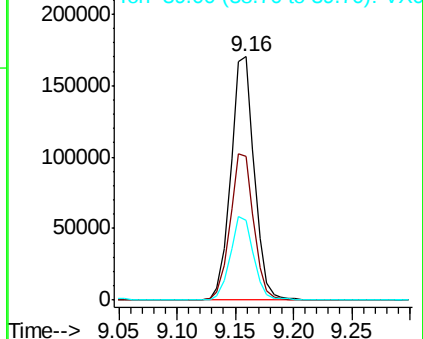


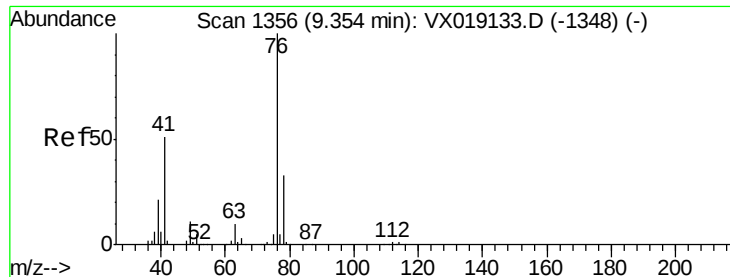
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.738 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 263272

Ion Ratio Lower Upper

76 100

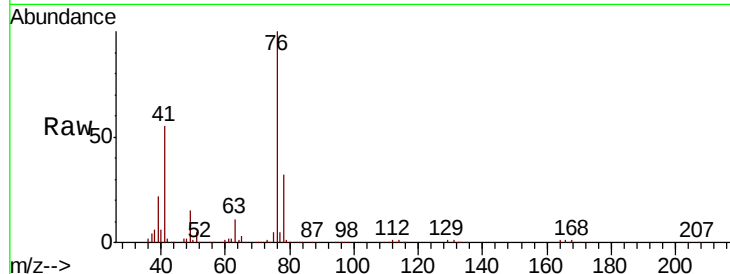
78 32.3 25.9 38.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

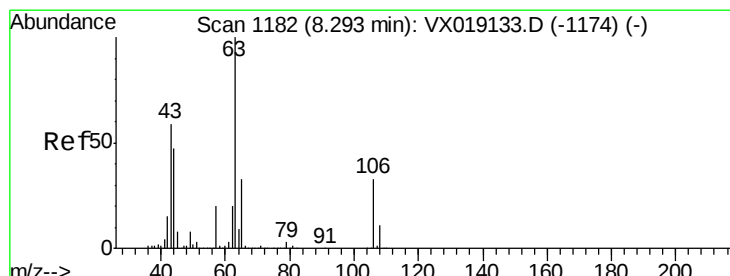
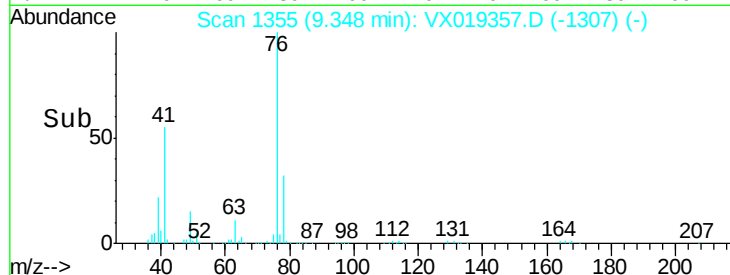
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 264.616 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019357.D

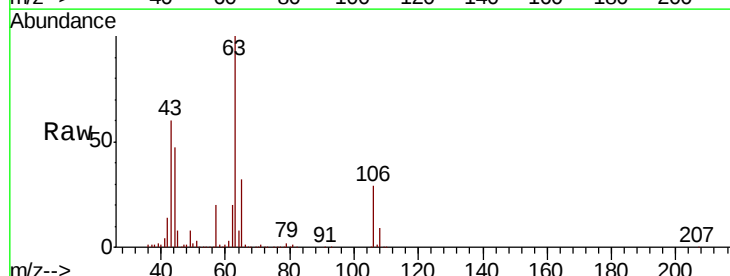
Acq: 09 Nov 2020 10:08

Tgt Ion: 63 Resp: 661849

Ion Ratio Lower Upper

63 100

106 29.3 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

500000

400000

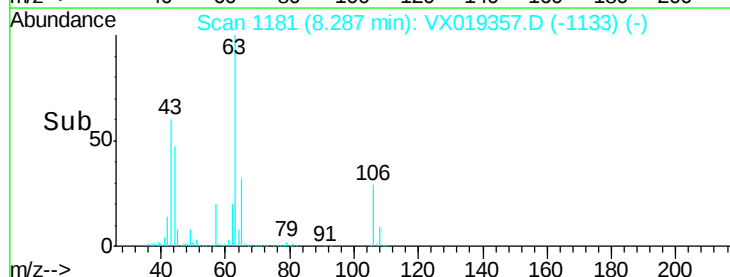
300000

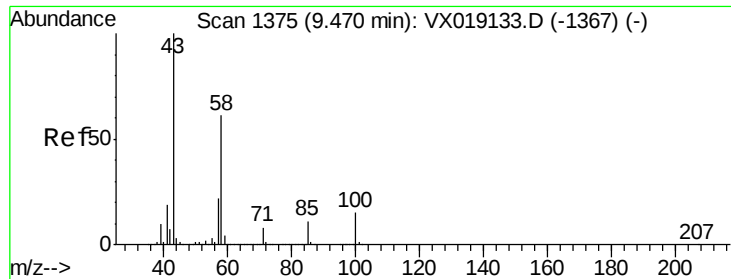
200000

100000

0

Time-->





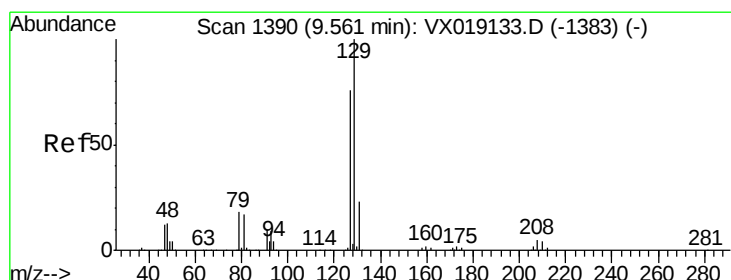
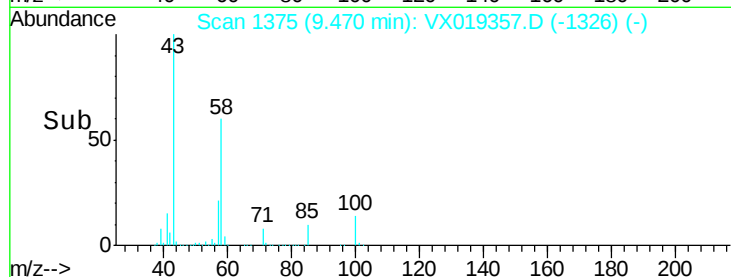
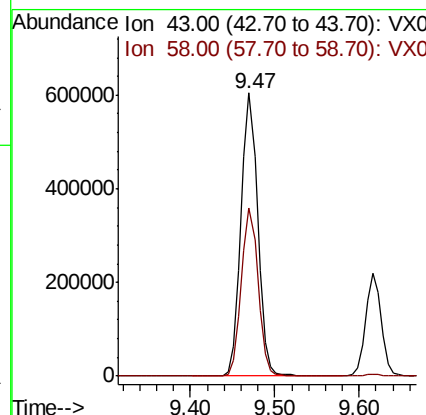
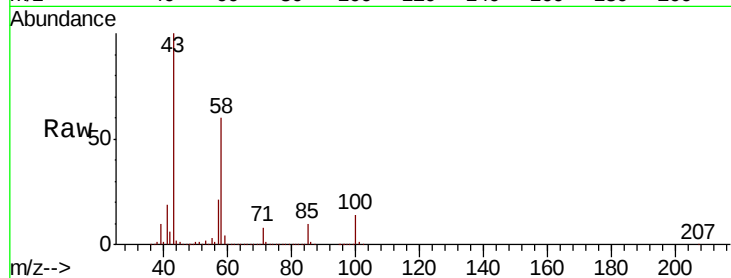
#59
2-Hexanone
Concen: 286.521 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.7	30.5	91.5

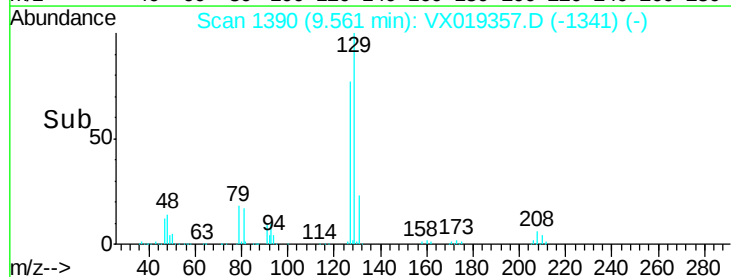
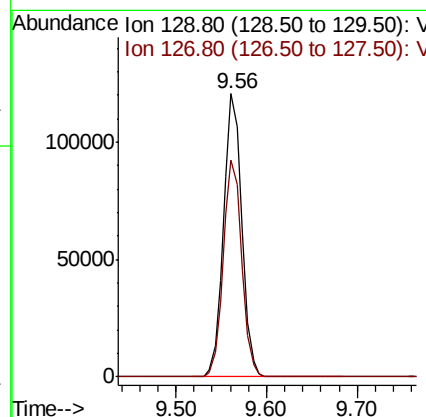
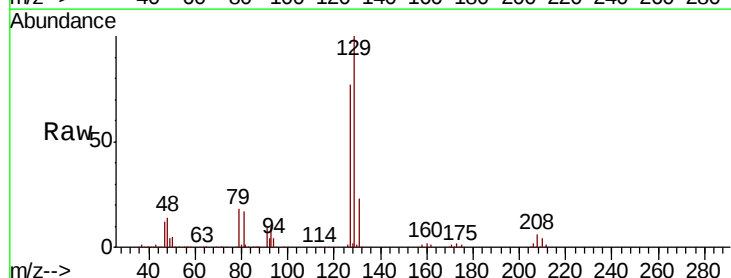
Manual Integrations
APPROVED

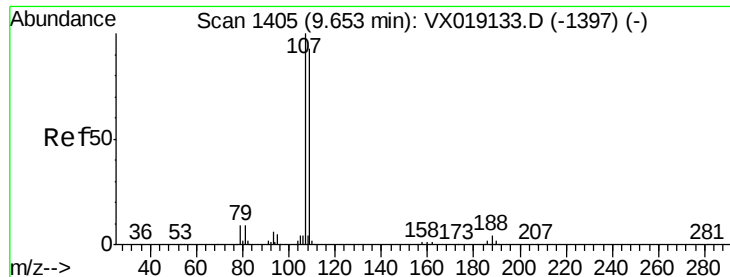
MMDadoda
11/10/2020 8:57:39 AM



#60
Dibromochloromethane
Concen: 52.941 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.6	115.8





#61

1,2-Dibromoethane

Concen: 50.596 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 160200

Ion Ratio Lower Upper

107 100

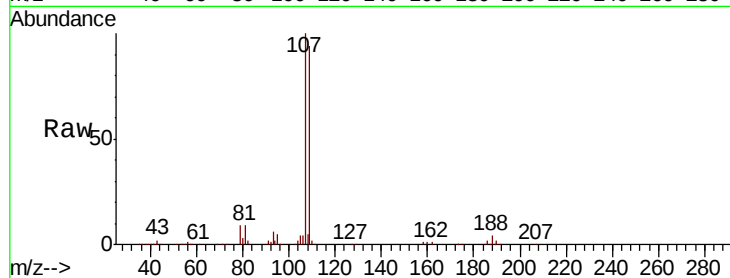
109 94.0 75.9 113.9

Manual Integrations

APPROVED

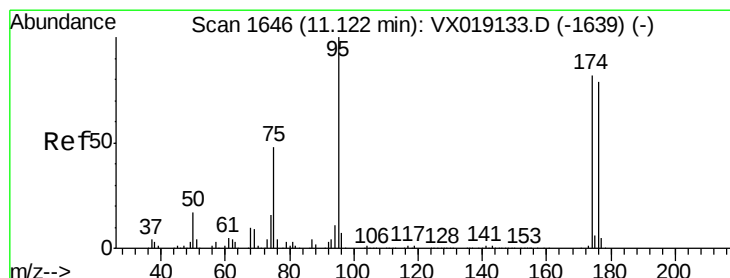
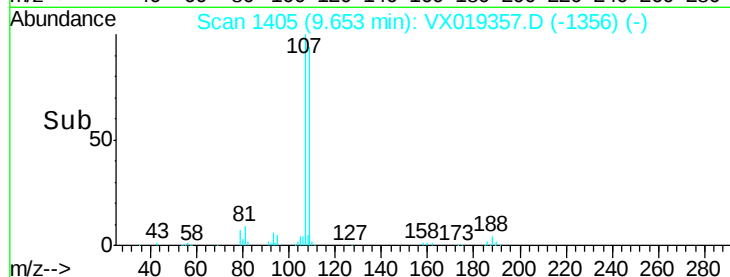
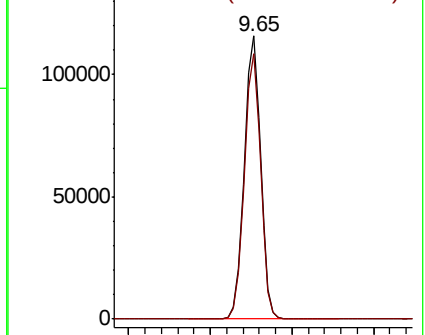
MMDadoda

11/10/2020 8:57:39 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.106 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

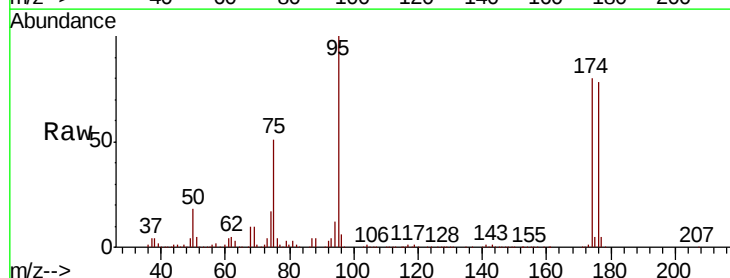
Tgt Ion: 95 Resp: 191703

Ion Ratio Lower Upper

95 100

174 76.8 0.0 156.0

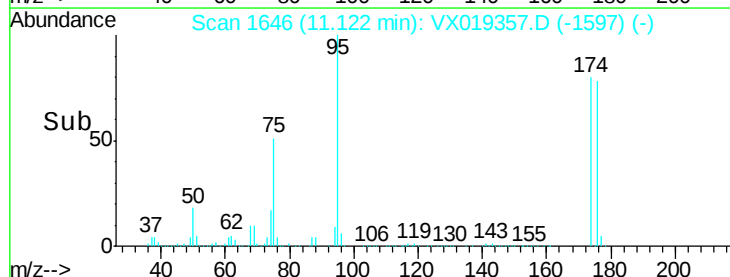
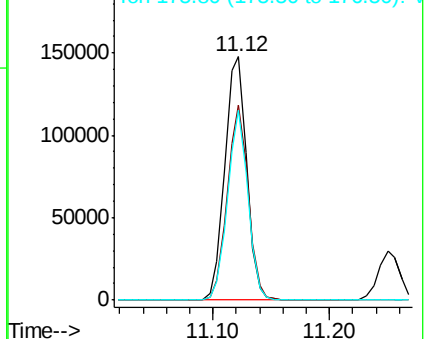
176 72.9 0.0 149.8

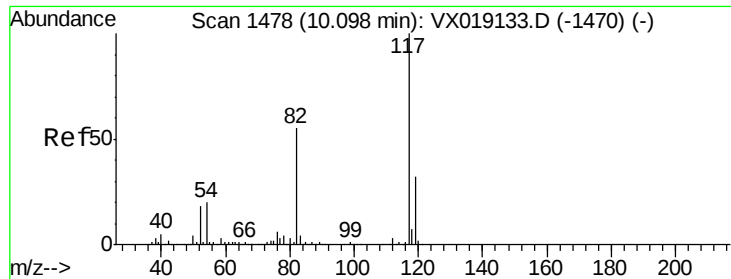


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





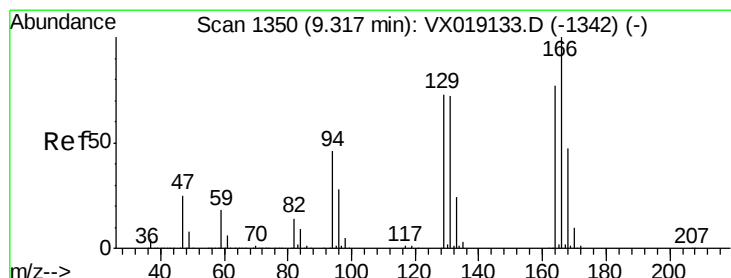
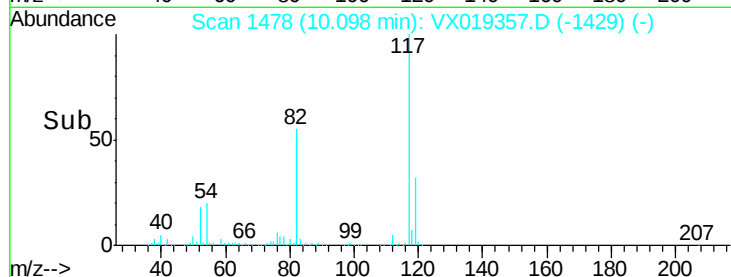
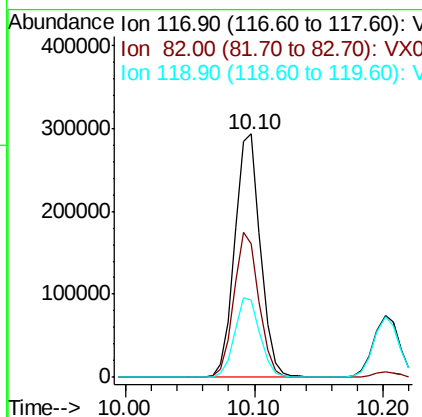
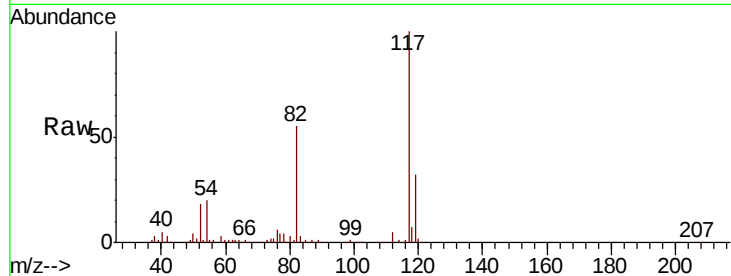
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	405802		
82	55.1	43.6	65.4	
119	31.7	25.5	38.3	

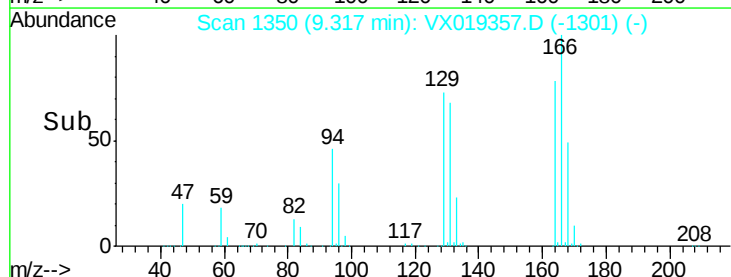
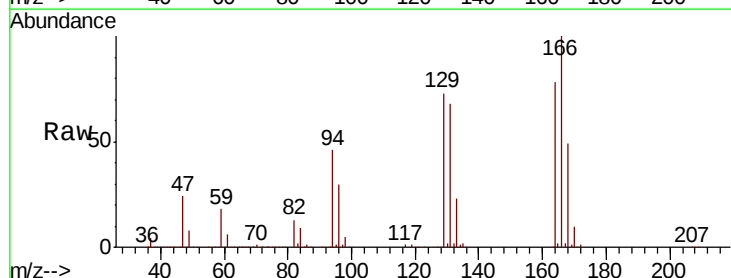
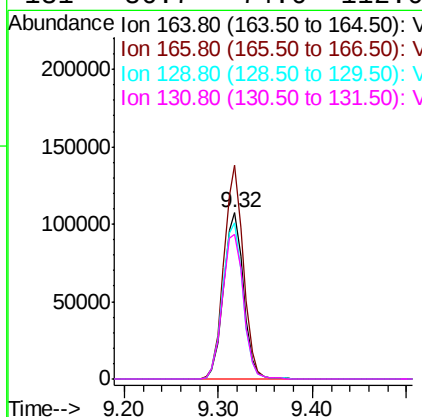
Manual Integrations
APPROVED

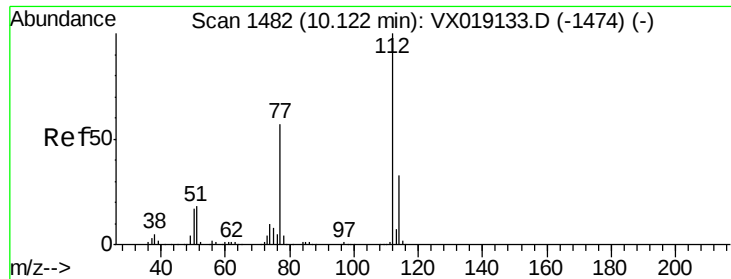
MMDadoda
11/10/2020 8:57:39 AM



#64
Tetrachloroethene
Concen: 50.765 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	156955		
166	128.4	104.1	156.1	
129	94.1	76.2	114.4	
131	86.7	74.6	112.0	





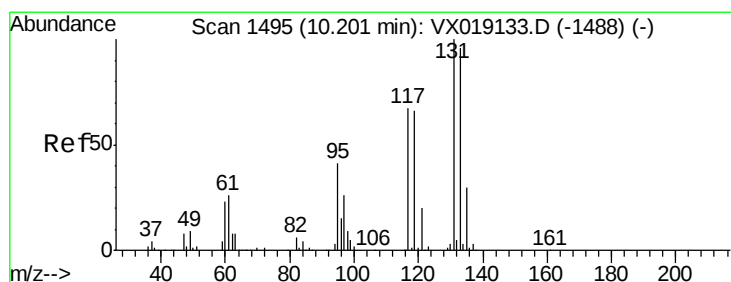
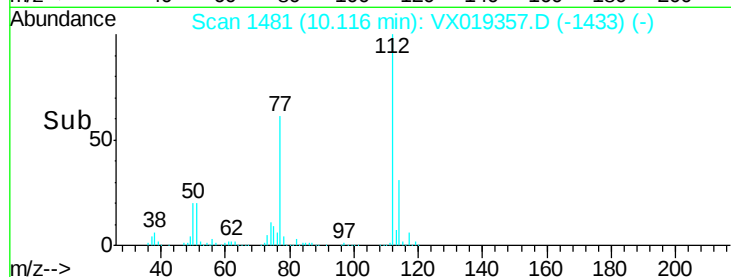
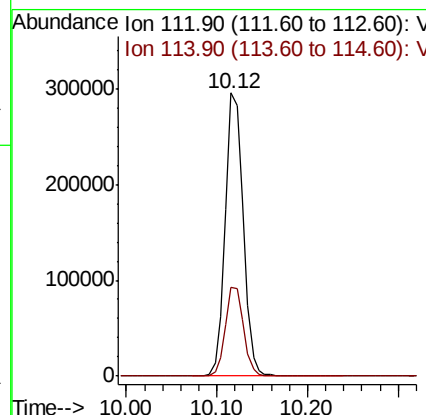
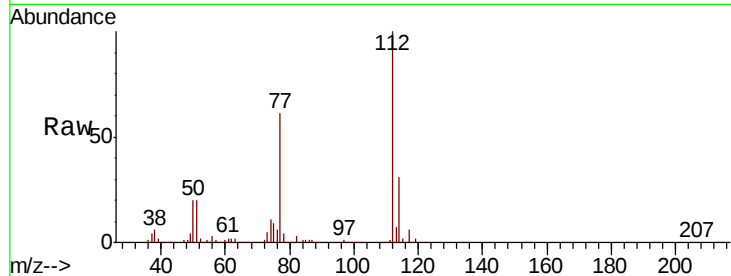
#65
Chlorobenzene
Concen: 49.474 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 410348
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1

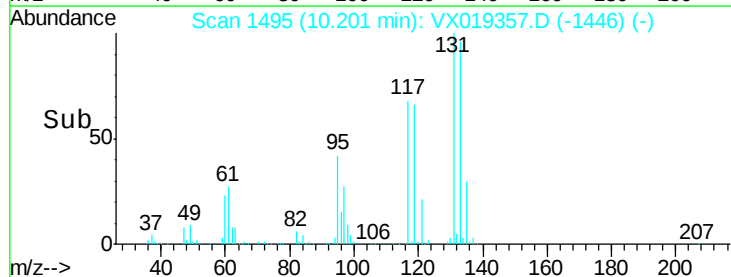
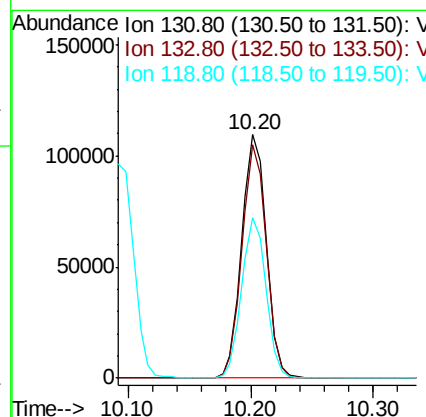
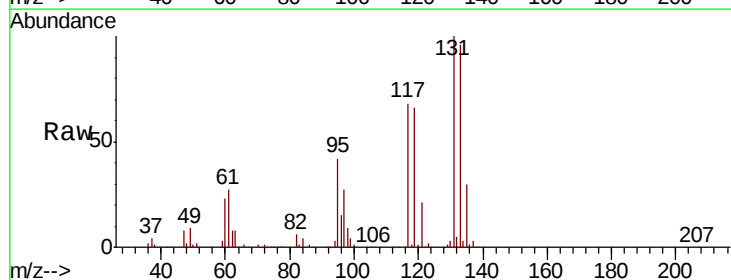
Manual Integrations
APPROVED

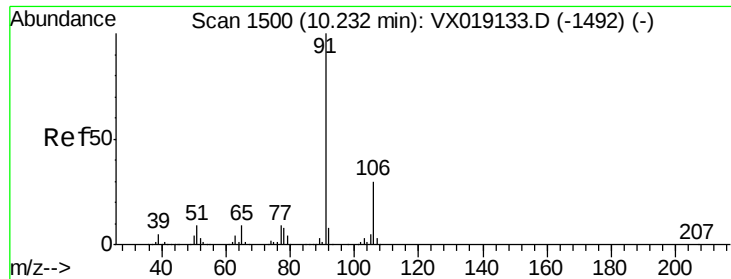
MMDadoda
11/10/2020 8:57:39 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.785 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion:131 Resp: 151641
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.8
119 65.4 32.3 96.9





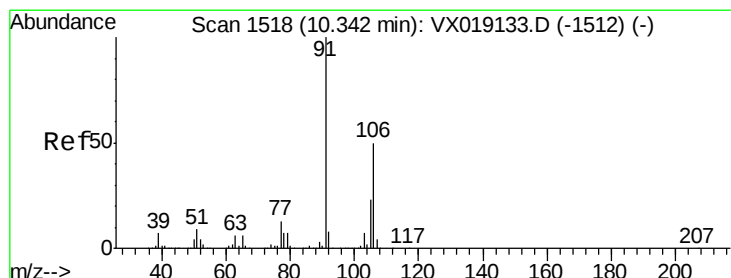
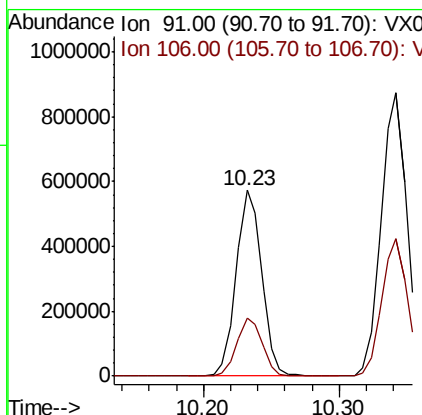
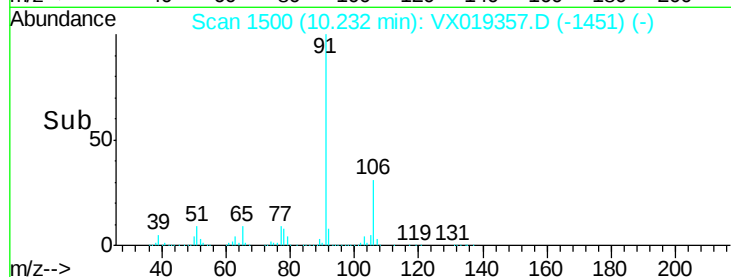
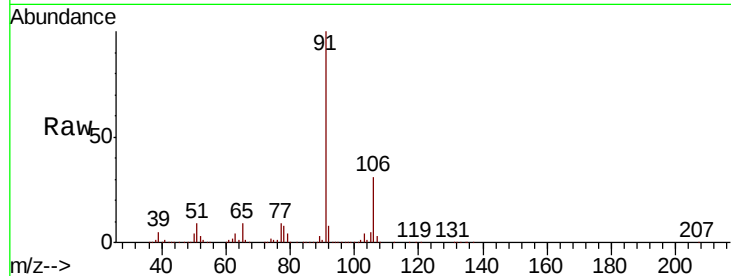
#67
Ethyl Benzene
Concen: 50.815 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 751017
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5

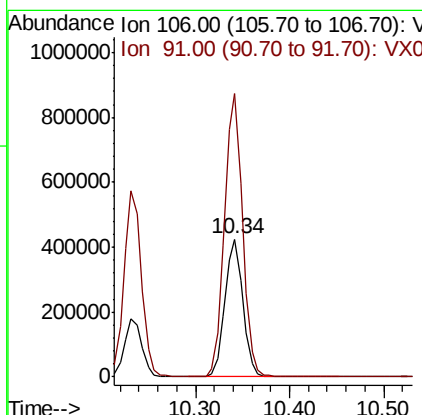
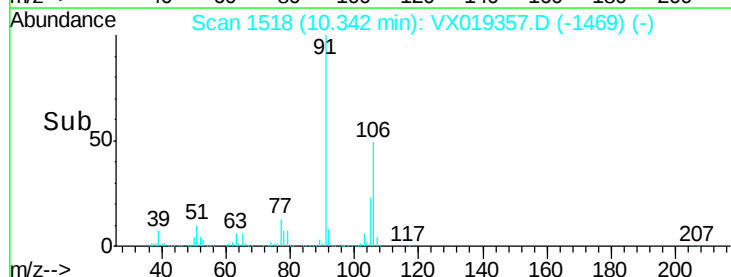
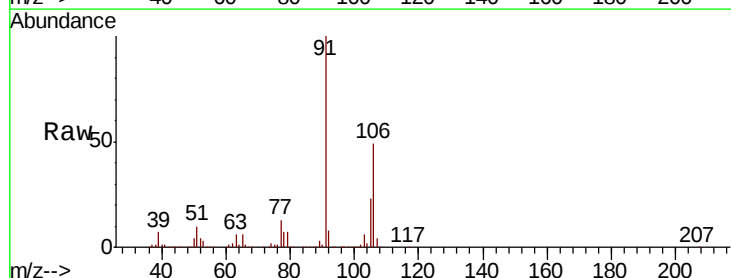
Manual Integrations
APPROVED

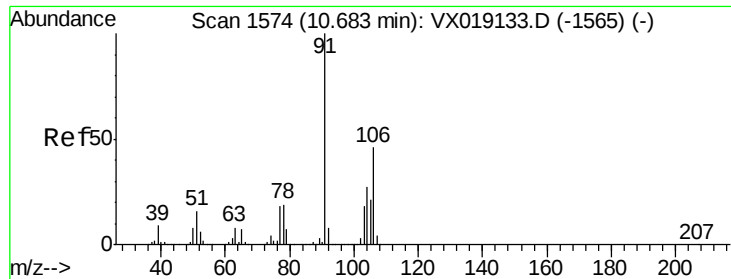
MMDadoda
11/10/2020 8:57:39 AM



#68
m/p-Xylenes
Concen: 101.477 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion: 106 Resp: 562893
Ion Ratio Lower Upper
106 100
91 206.4 161.0 241.4





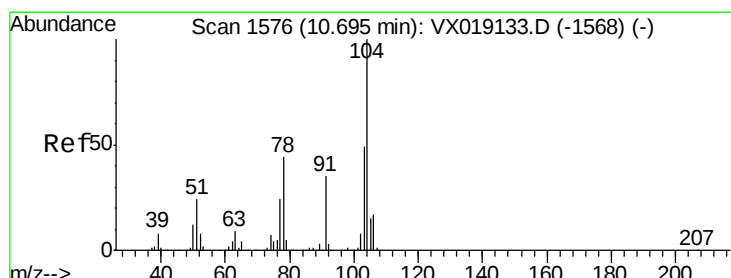
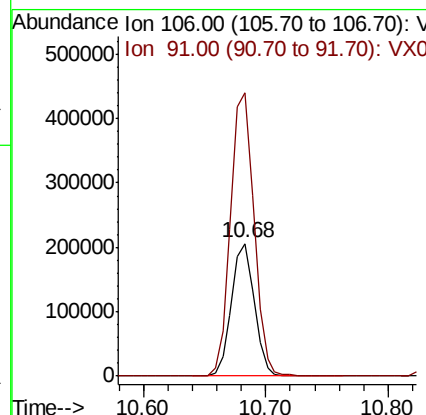
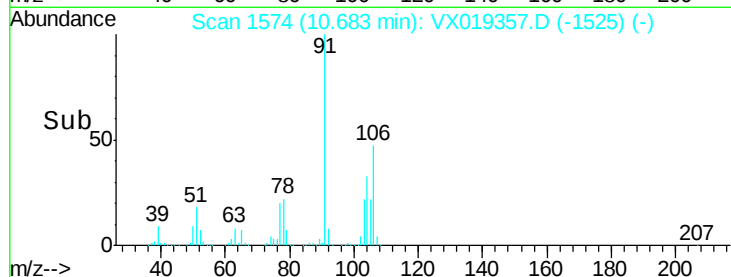
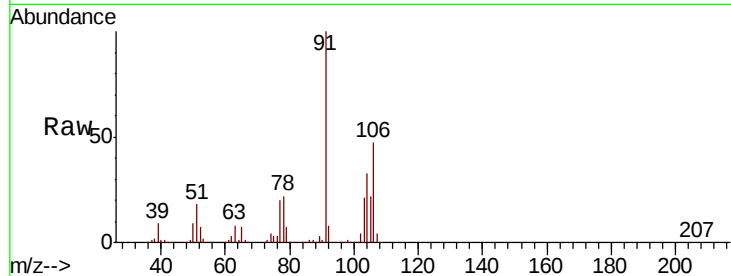
#69
o-Xylene
Concen: 50.712 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		266810		
91	218.4	108.3	324.8		

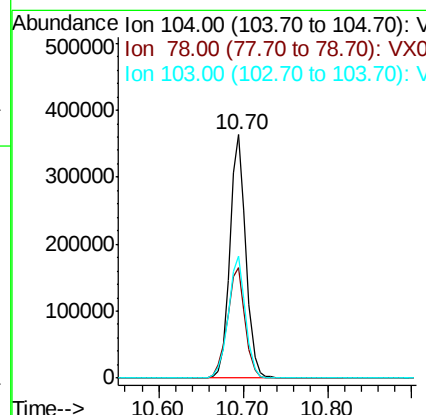
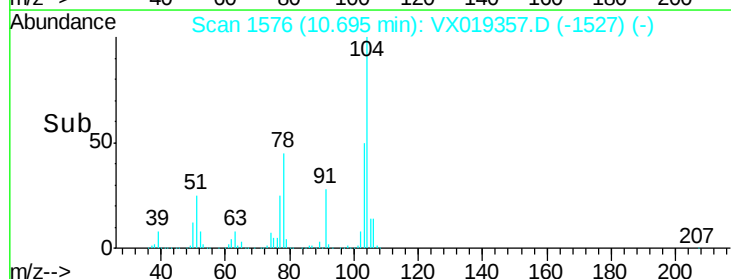
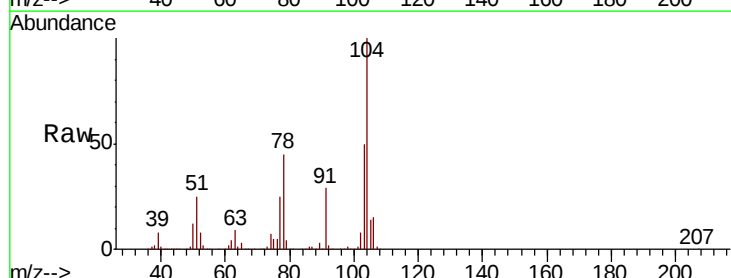
Manual Integrations
APPROVED

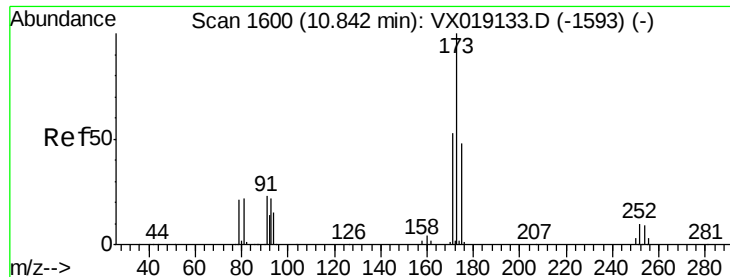
MMDadoda
11/10/2020 8:57:39 AM



#70
Styrene
Concen: 52.171 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		468347		
78	50.8	40.0	60.0		
103	54.0	43.5	65.3		





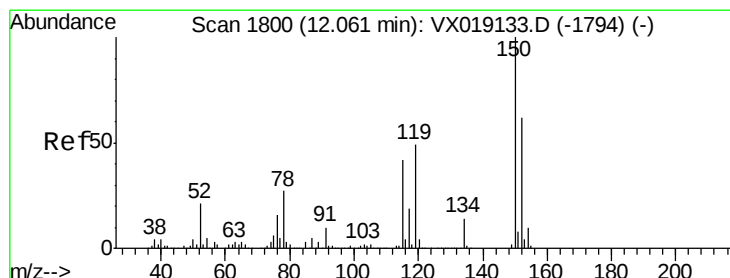
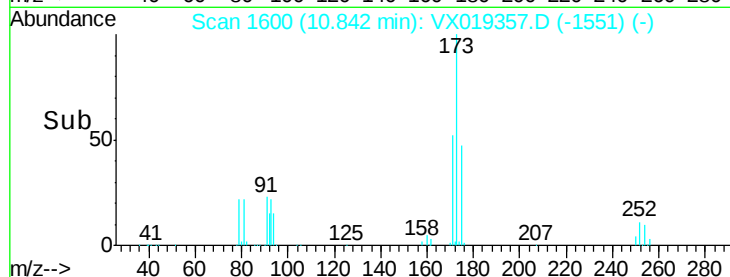
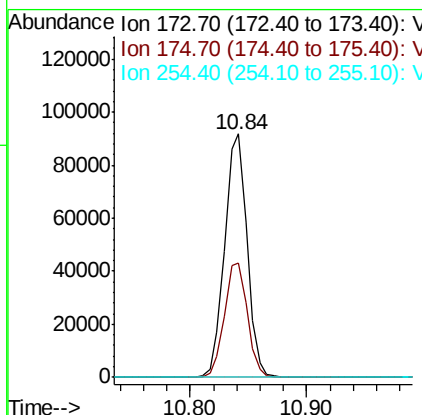
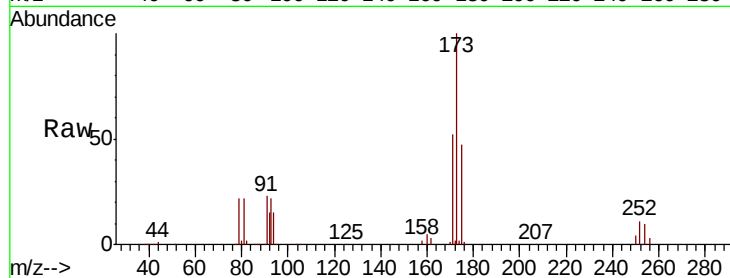
#71
Bromoform
Concen: 51.591 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.4	73.4
254	0.1	0.1	0.1

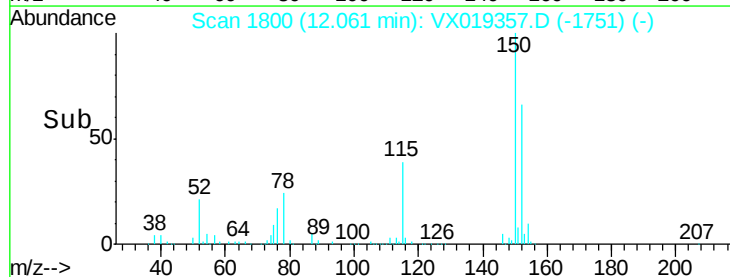
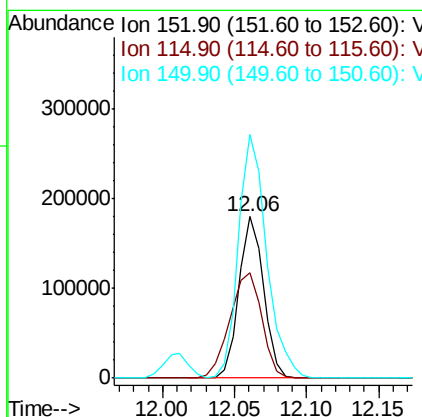
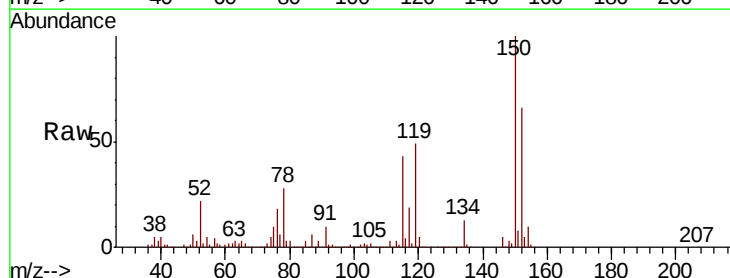
Manual Integrations
APPROVED

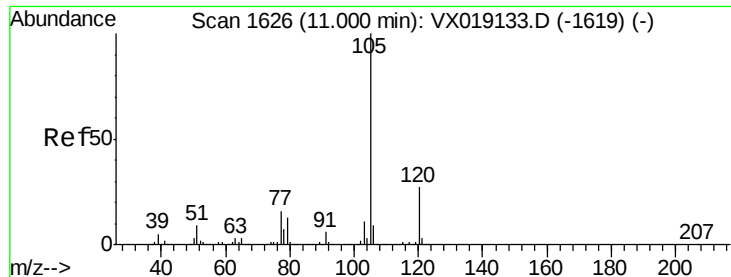
MMDadoda
11/10/2020 8:57:39 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	84.8	41.9	125.7
150	171.1	0.0	347.8





#73

Isopropylbenzene

Concen: 48.691 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 744367

Ion Ratio Lower Upper

105 100

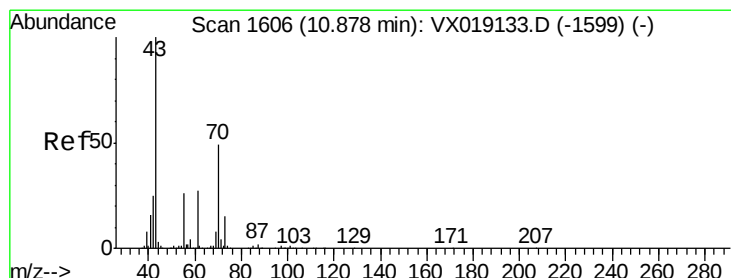
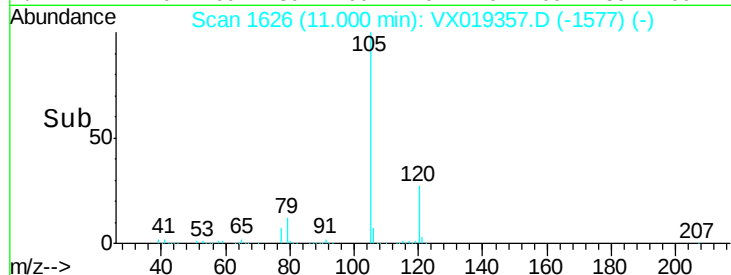
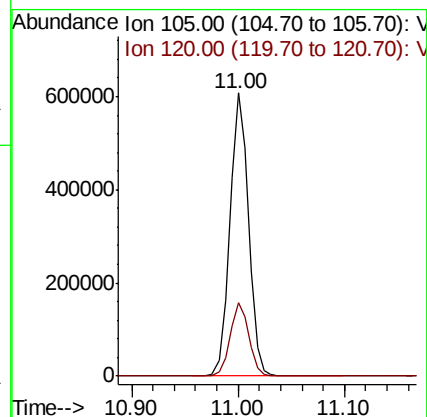
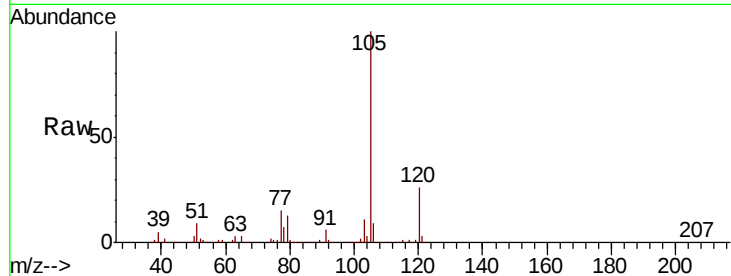
120 26.1 13.3 39.8

Manual Integrations

APPROVED

MMDadoda

11/10/2020 8:57:39 AM



#74

N-ethyl acetate

Concen: 50.980 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Tgt Ion: 43 Resp: 284957

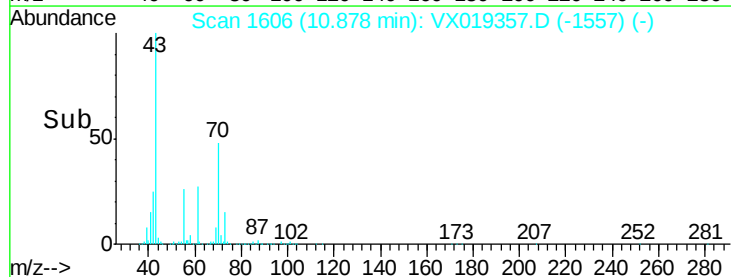
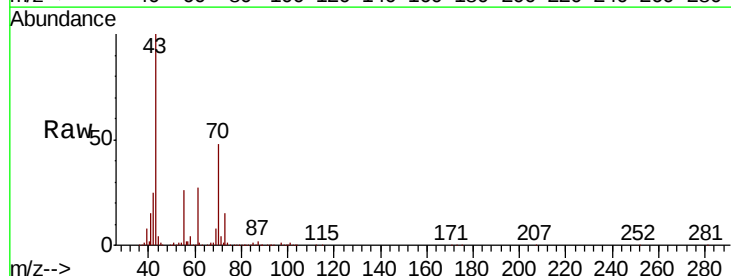
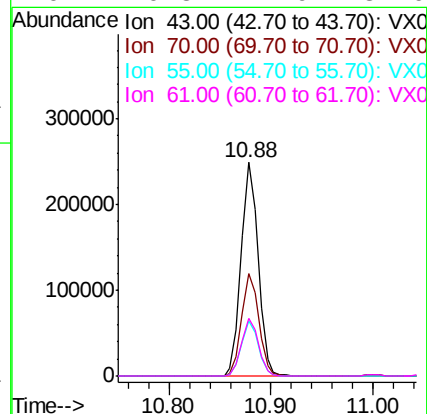
Ion Ratio Lower Upper

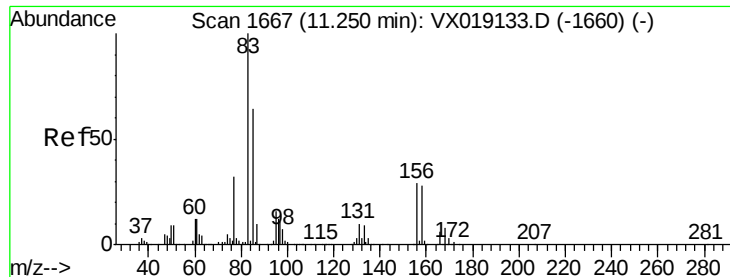
43 100

70 48.3 39.6 59.4

55 25.9 20.7 31.1

61 26.8 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.316 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

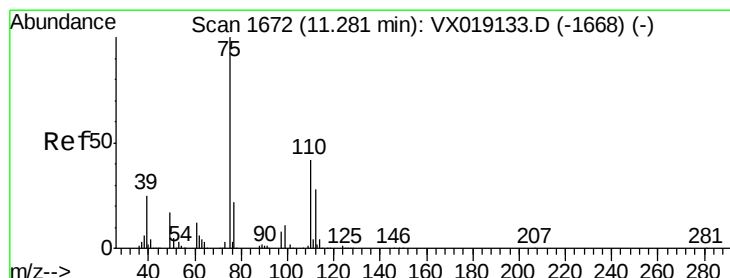
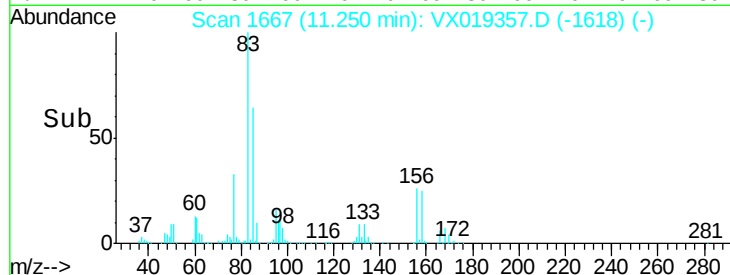
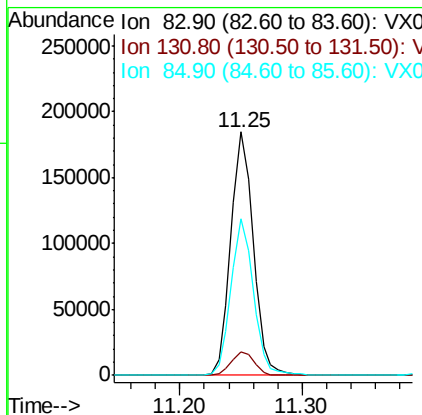
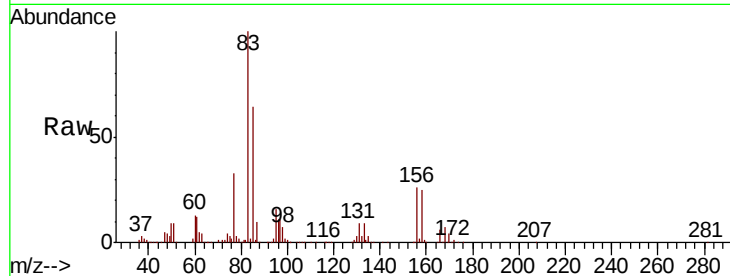
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	235621
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.2	15.6
85	64.1	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 50.977 ug/l m

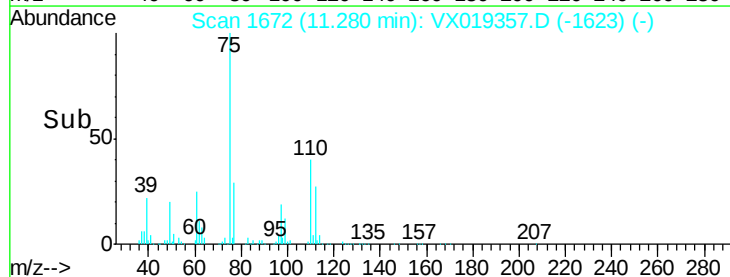
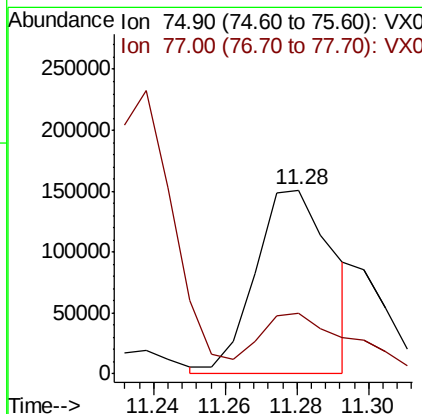
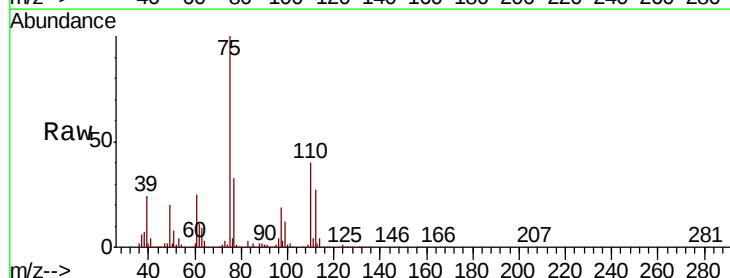
RT: 11.28 min Scan# 1672

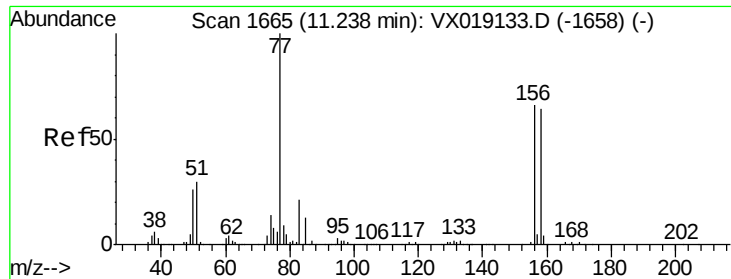
Delta R.T. -0.00 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Tgt Ion:	75	Resp:	227324
Ion Ratio	Lower	Upper	
75	100		
77	39.5	20.3	60.9





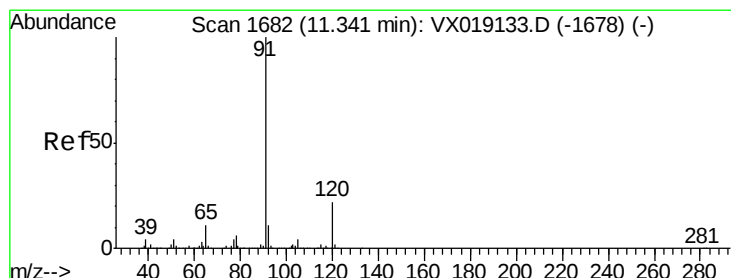
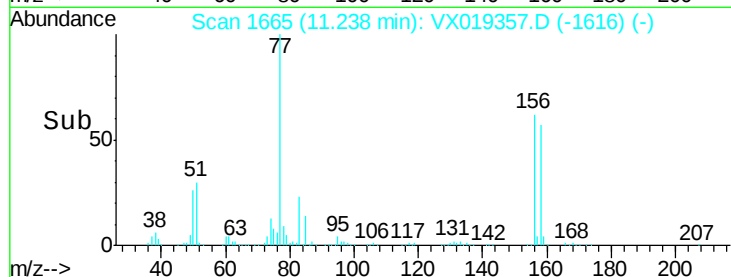
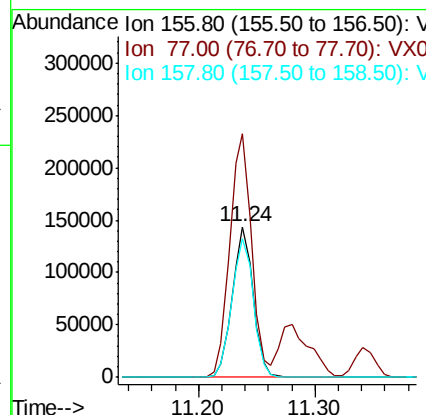
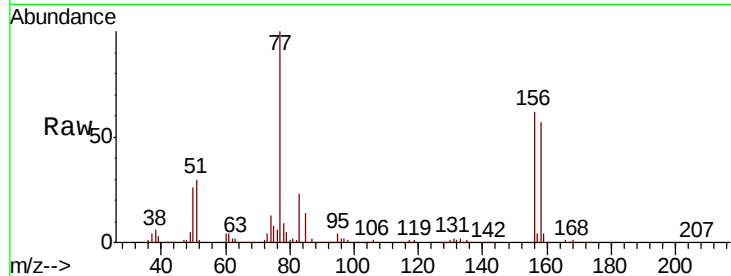
#77
Bromobenzene
Concen: 47.006 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	169.1	77.7	233.1
158	96.1	48.3	144.8

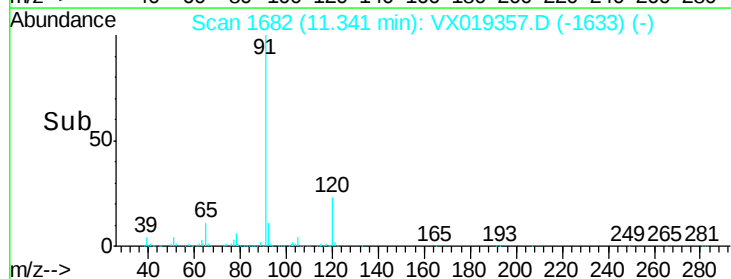
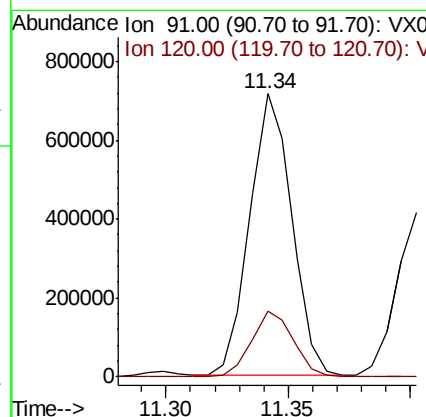
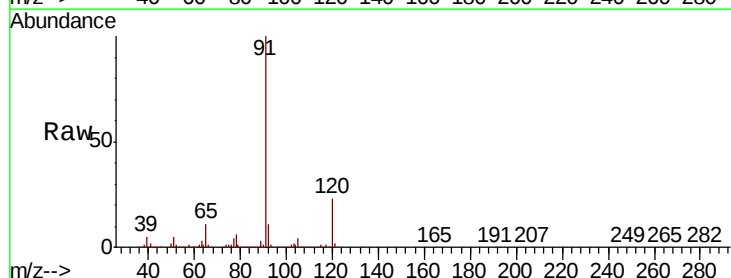
Manual Integrations
APPROVED

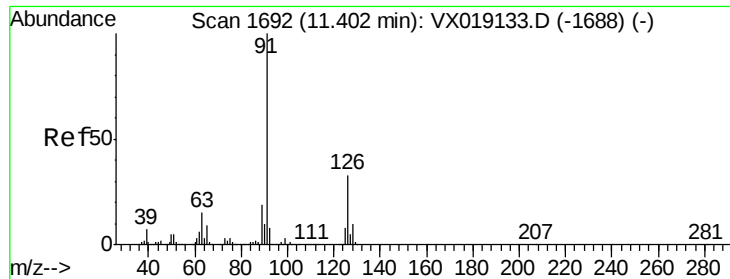
MMDadoda
11/10/2020 8:57:39 AM



#78
n-propylbenzene
Concen: 49.336 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.7	35.0





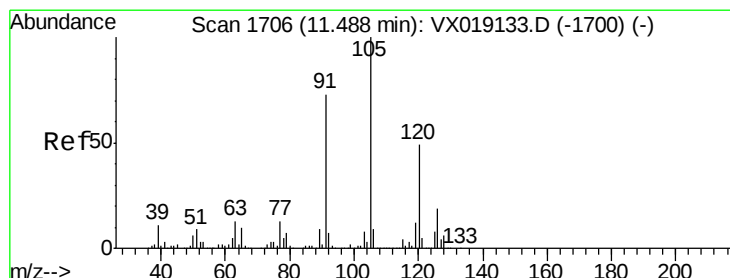
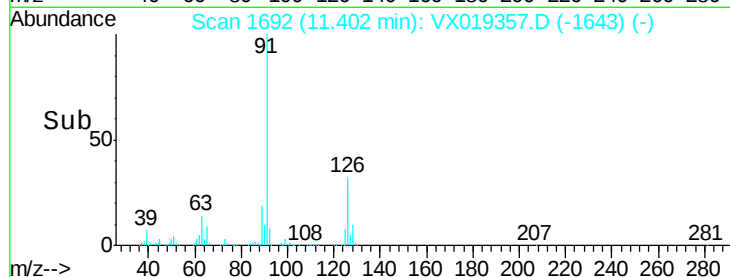
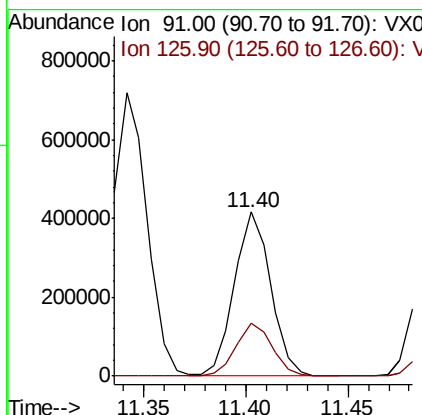
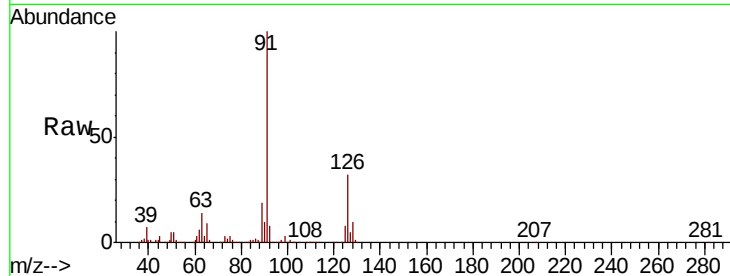
#79
2-Chlorotoluene
Concen: 49.759 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.9	50.7

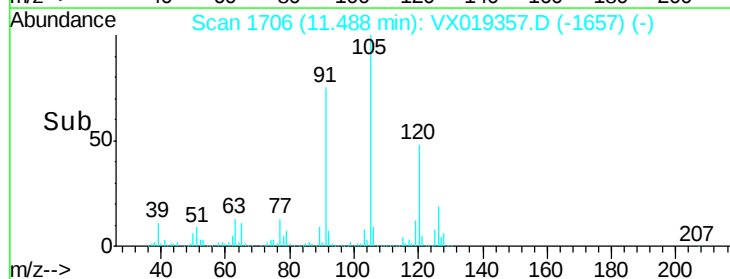
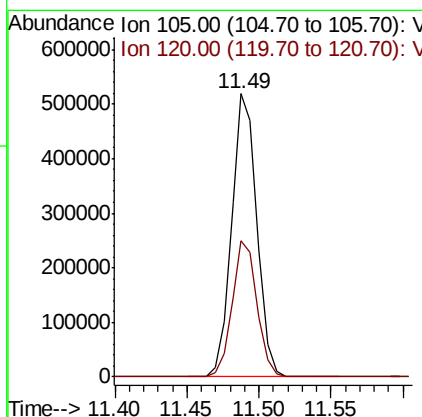
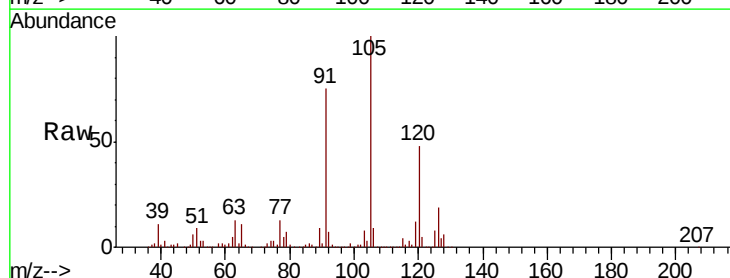
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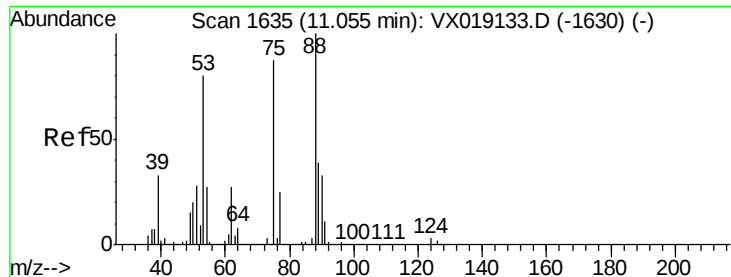
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 49.140 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.6	24.3	72.8





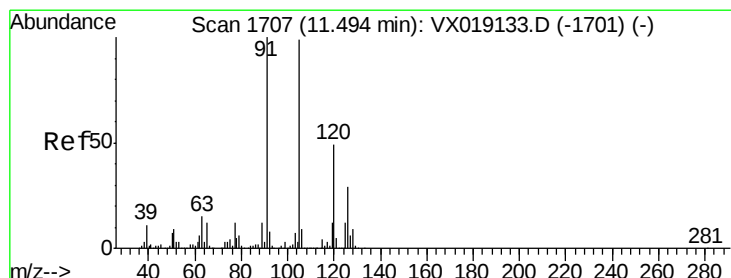
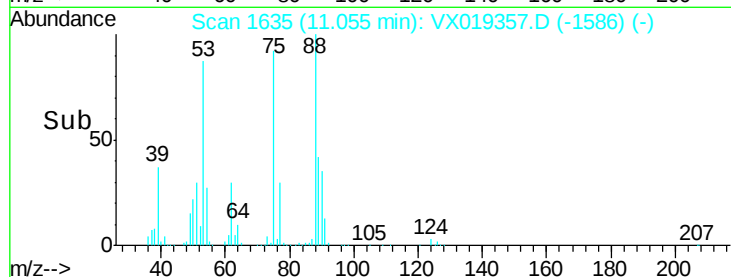
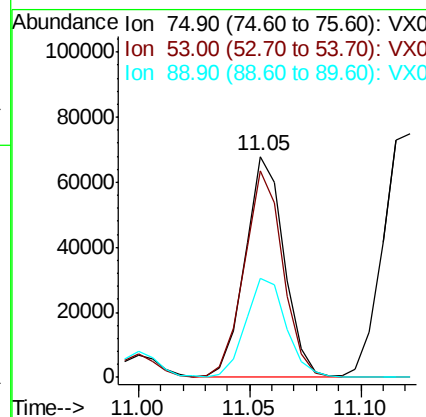
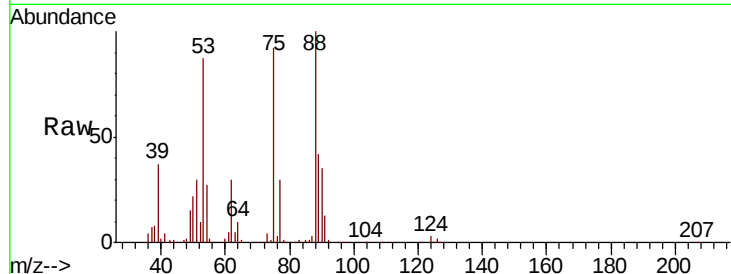
#81
trans-1,4-Dichloro-2-butene
Concen: 48.920 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.6	73.3	109.9
89	47.0	38.2	57.2

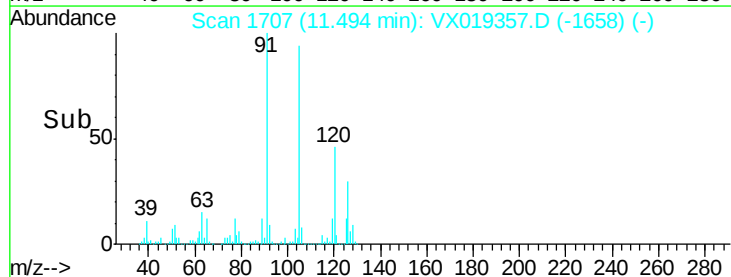
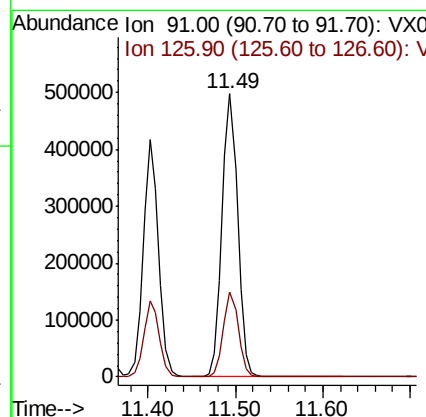
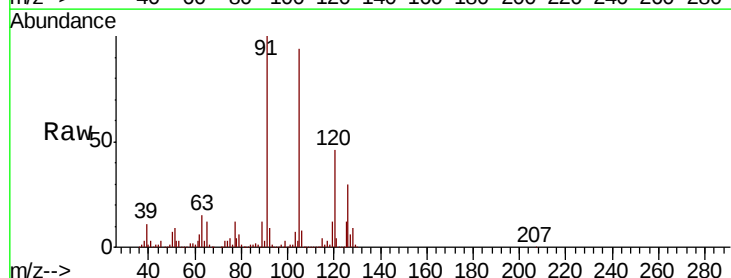
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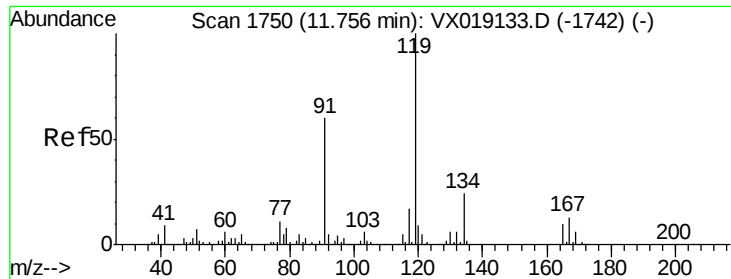
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.844 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.8	44.4





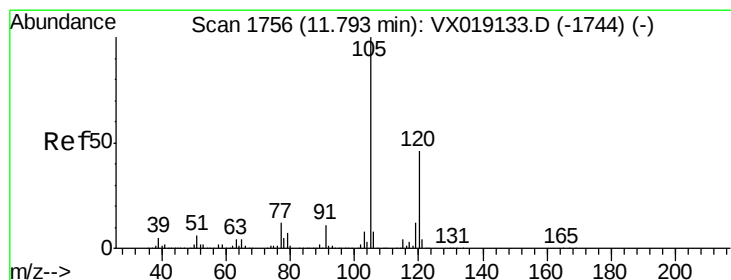
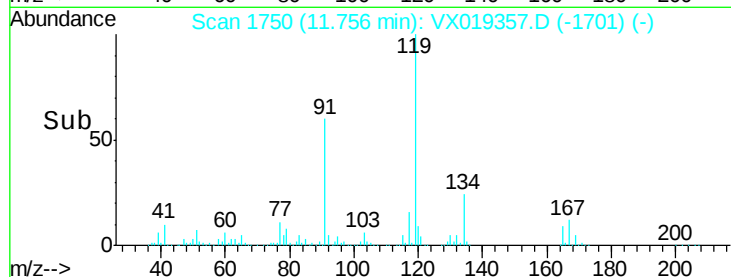
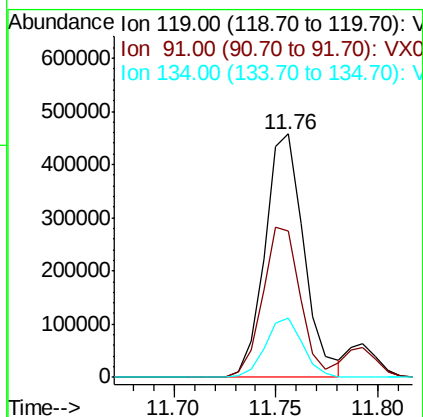
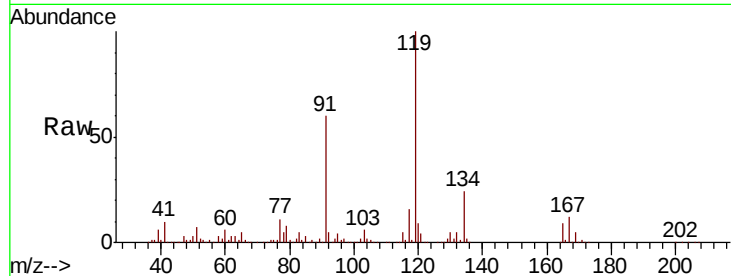
#83
tert-Butylbenzene
Concen: 49.325 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.0	87.1
134	23.1	11.7	35.0

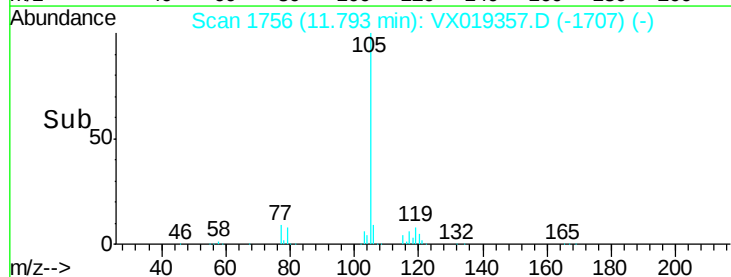
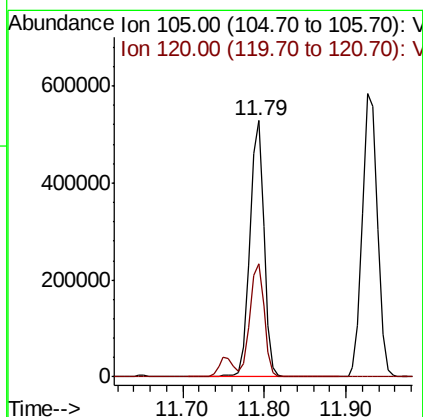
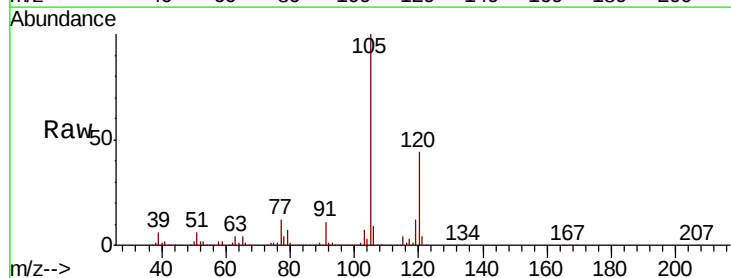
Manual Integrations
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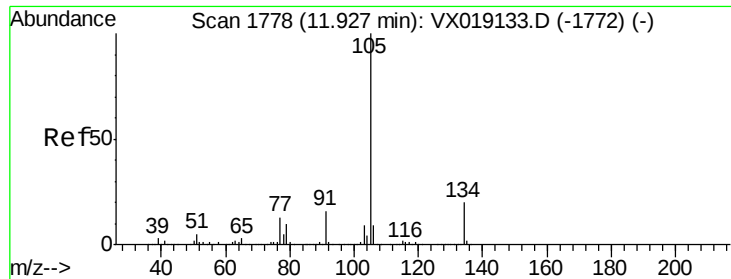
MMDadoda
11/10/2020 8:57:39 AM



#84
1,2,4-Trimethylbenzene
Concen: 49.024 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.4	67.3





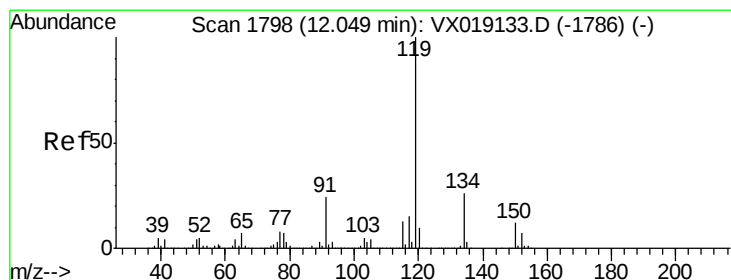
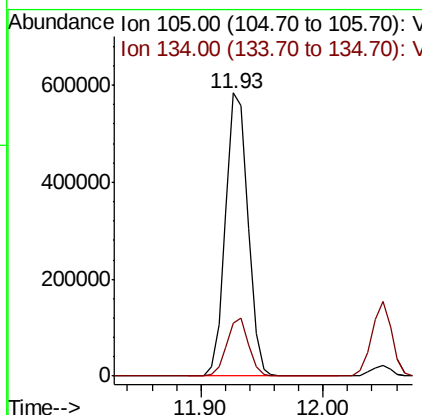
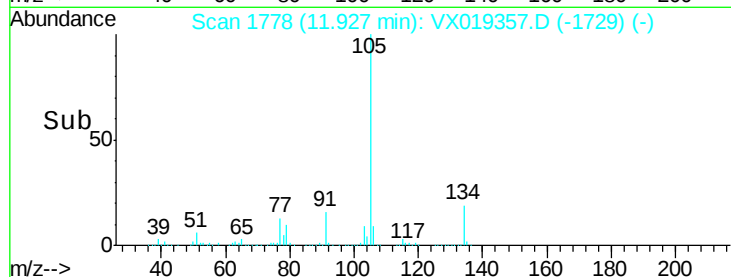
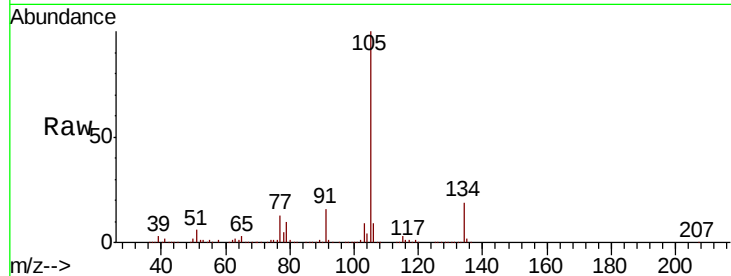
#85
 sec-Butylbenzene
 Concen: 49.837 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019357.D
 Acq: 09 Nov 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.1	30.1

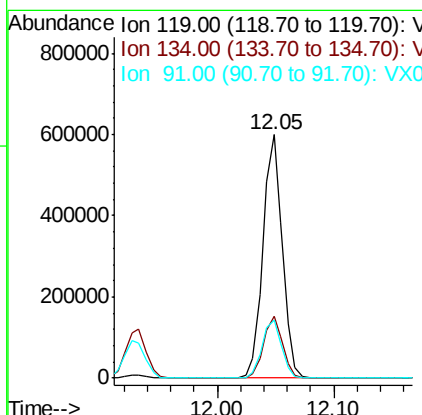
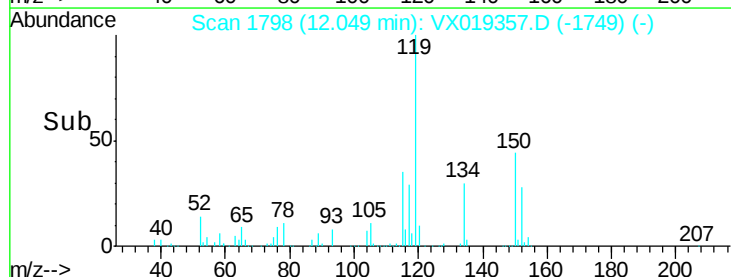
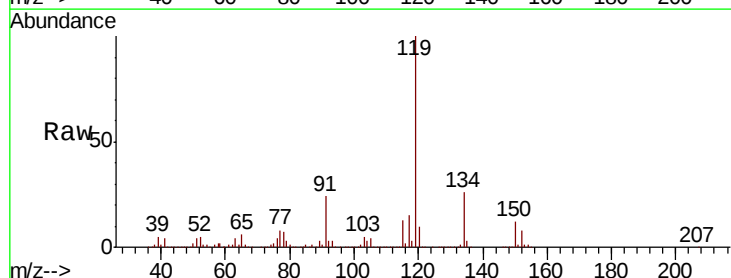
Manual Integrations
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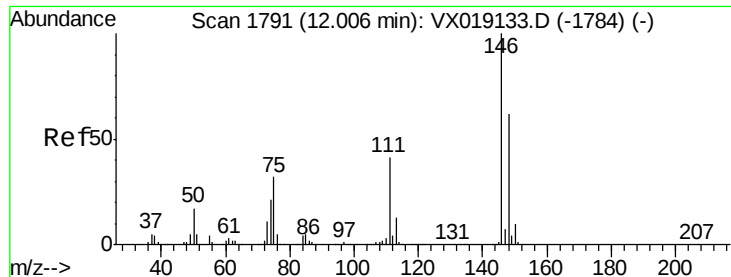
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 11/10/2020 8:57:39 AM



#86
 p-Isopropyltoluene
 Concen: 50.632 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019357.D
 Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.9	38.7
91	24.2	12.0	36.0





#87

1,3-Dichlorobenzene

Concen: 47.554 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Instrument :

MSVOA_X

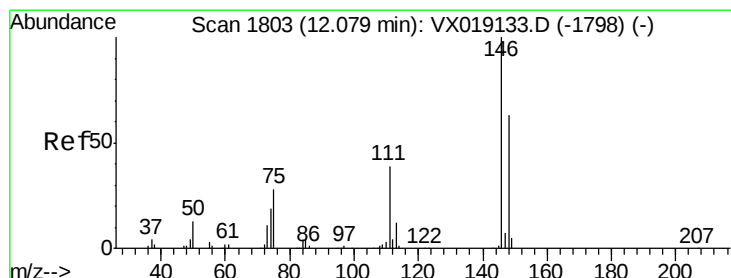
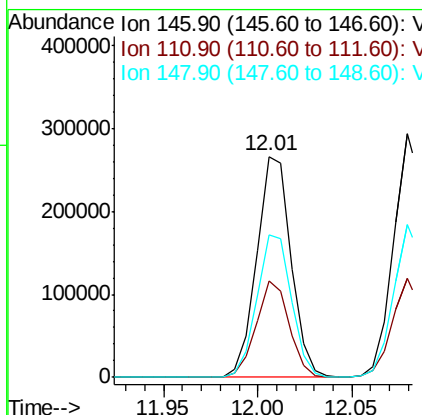
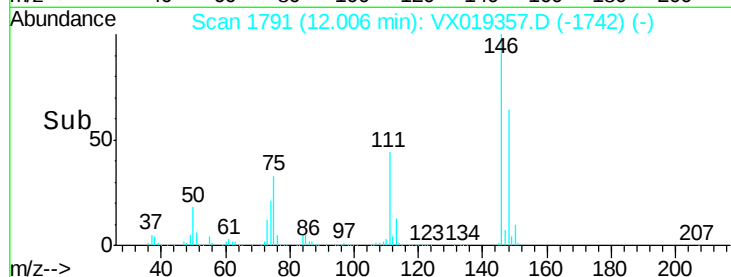
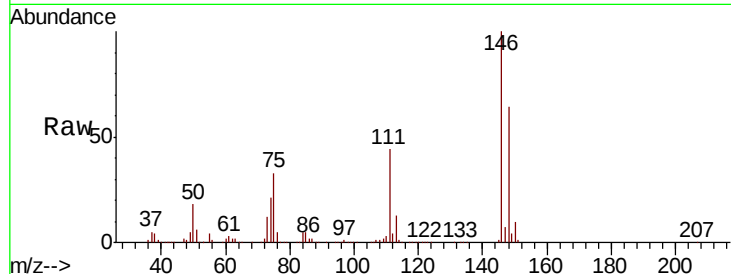
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	336010
Ion Ratio	Lower	Upper	
146	100		
111	42.5	20.4	61.2
148	65.4	31.6	94.8

Manual Integrations
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11/10/2020 8:57:39 AM



#88

1,4-Dichlorobenzene

Concen: 47.273 ug/l

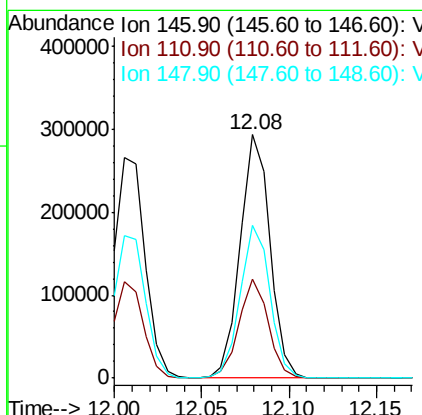
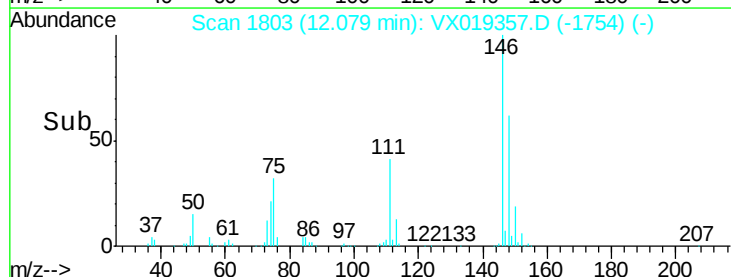
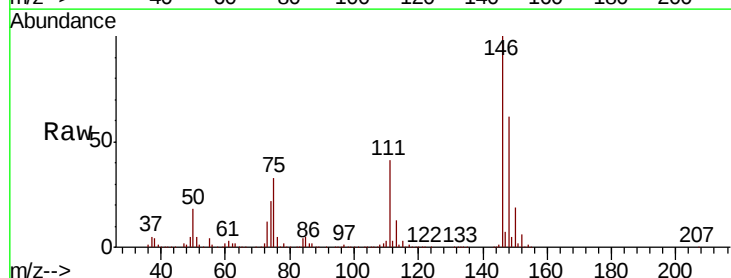
RT: 12.08 min Scan# 1803

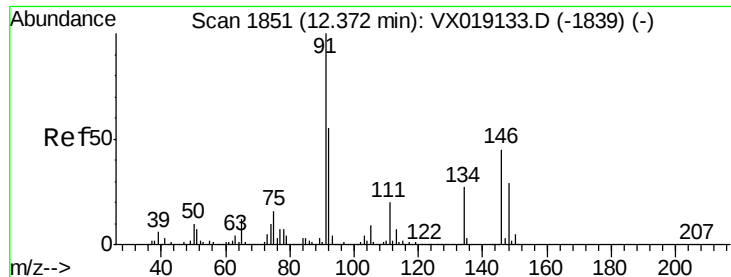
Delta R.T. -0.00 min

Lab File: VX019357.D

Acq: 09 Nov 2020 10:08

Tgt Ion:	146	Resp:	347698
Ion Ratio	Lower	Upper	
146	100		
111	40.4	20.2	60.5
148	62.5	31.3	93.8





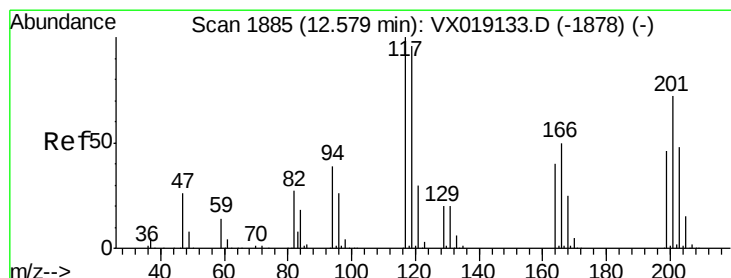
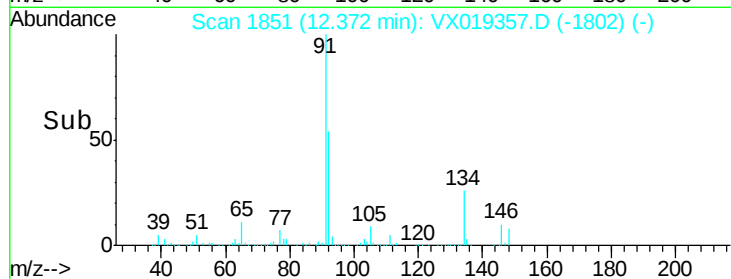
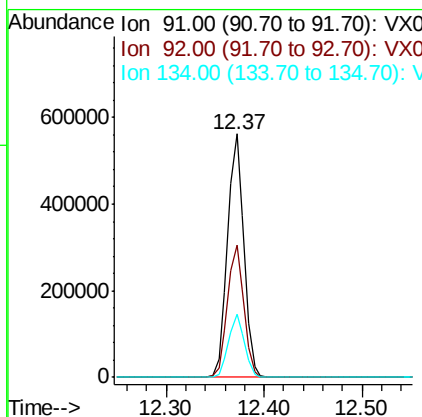
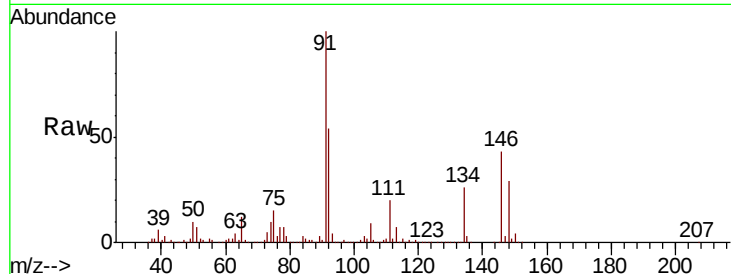
#89
n-Butylbenzene
Concen: 50.739 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.5	82.4
134	25.1	13.2	39.6

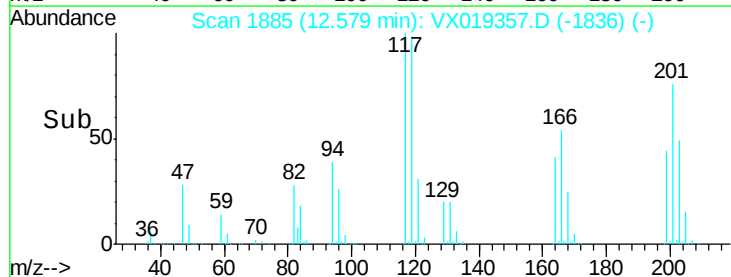
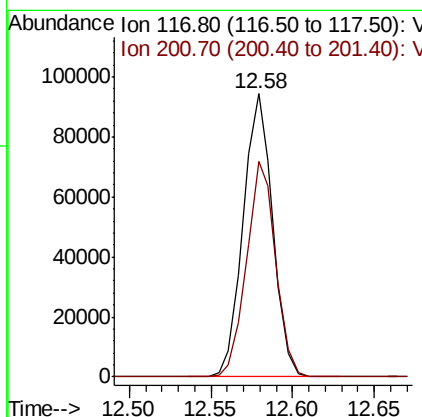
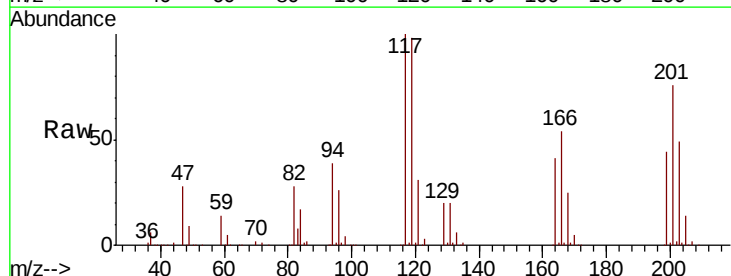
Manual Integrations
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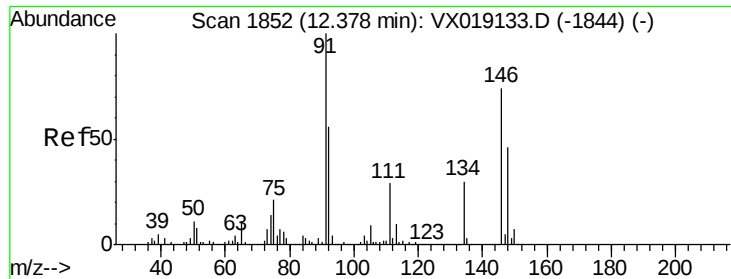
MMDadoda
11/10/2020 8:57:39 AM



#90
Hexachloroethane
Concen: 50.982 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.3	38.5	115.3





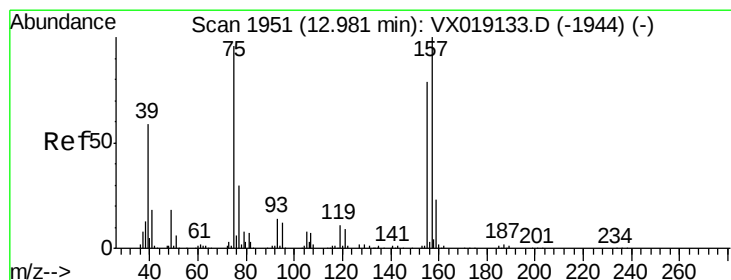
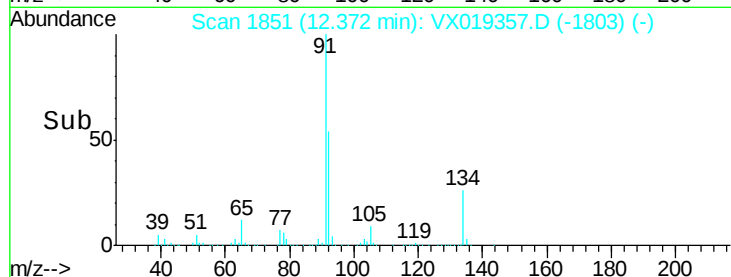
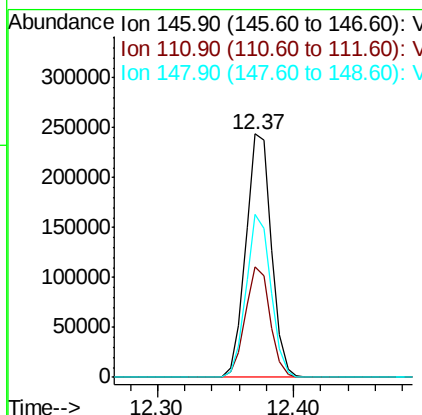
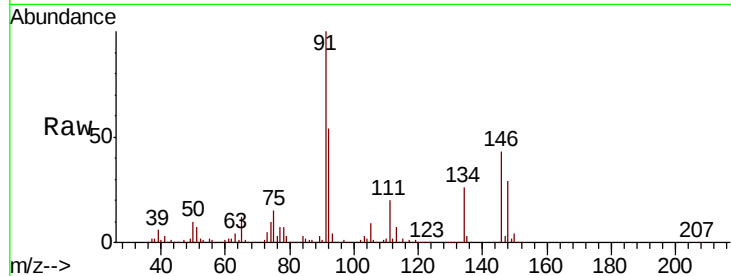
#91
 1,2-Dichlorobenzene
 Concen: 47.167 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019357.D
 Acq: 09 Nov 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.2	63.6
148	64.8	31.6	94.7

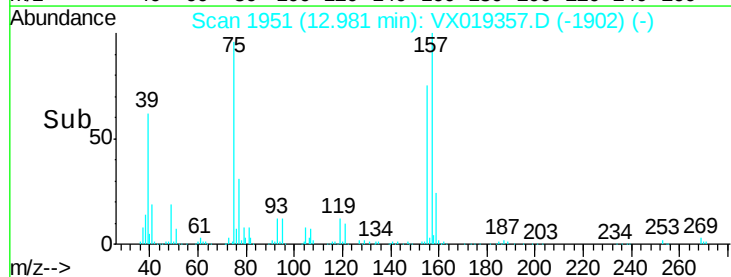
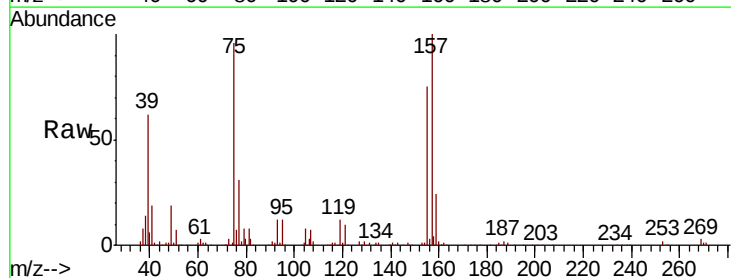
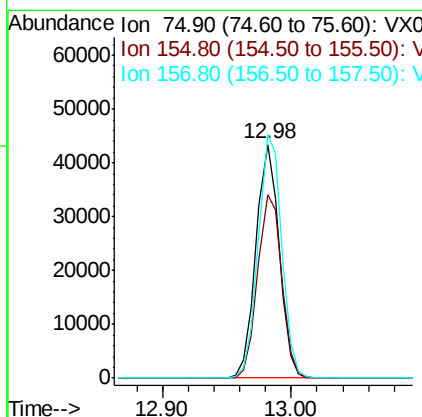
Manual Integrations
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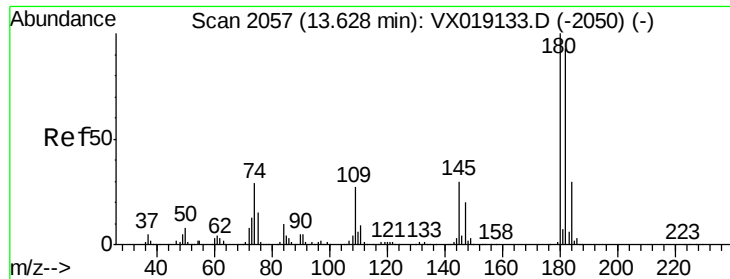
MMDadoda
 11/10/2020 8:57:39 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.909 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019357.D
 Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.3	42.8	128.4
157	105.1	54.8	164.4





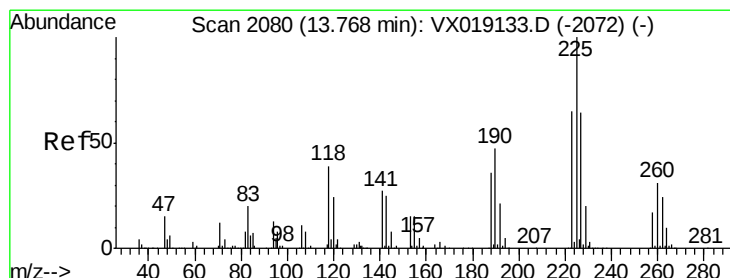
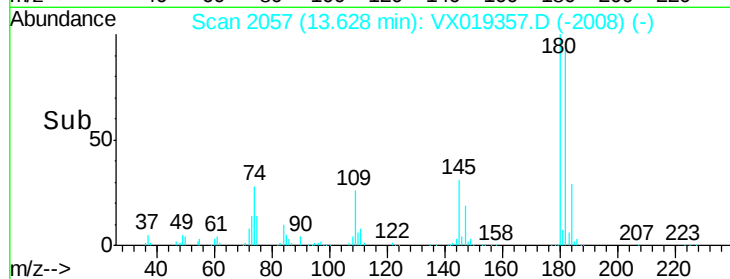
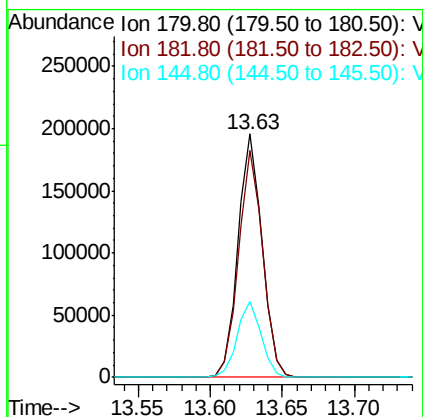
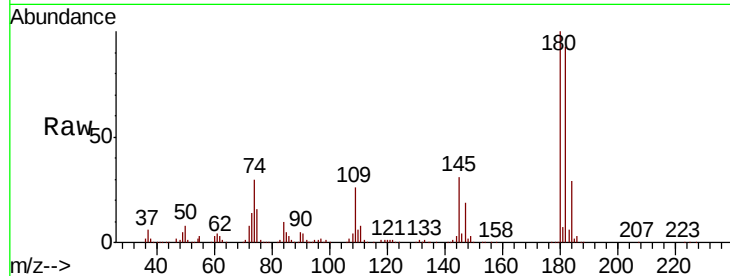
#93
 1,2,4-Trichlorobenzene
 Concen: 44.708 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019357.D
 Acq: 09 Nov 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	227844		
182	93.5	46.8	140.3	
145	31.1	15.5	46.5	

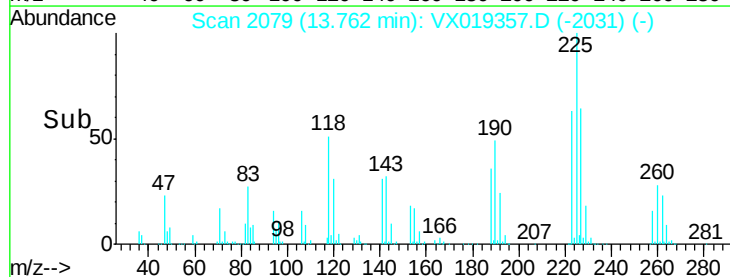
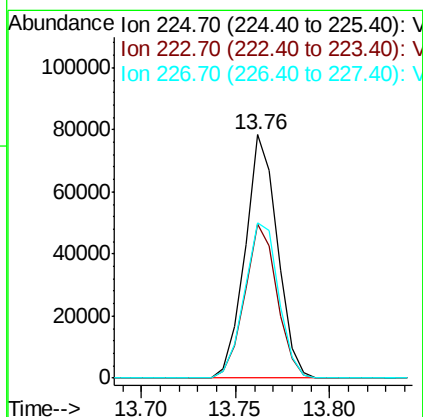
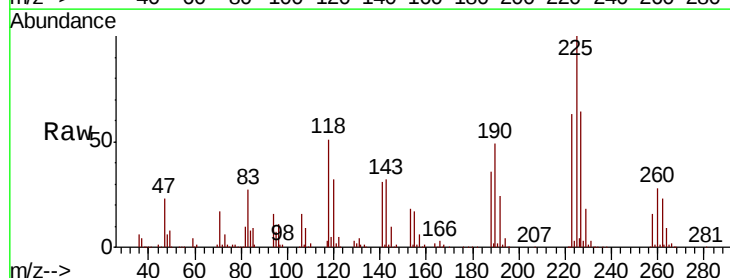
Manual Integrations
 APPROVED

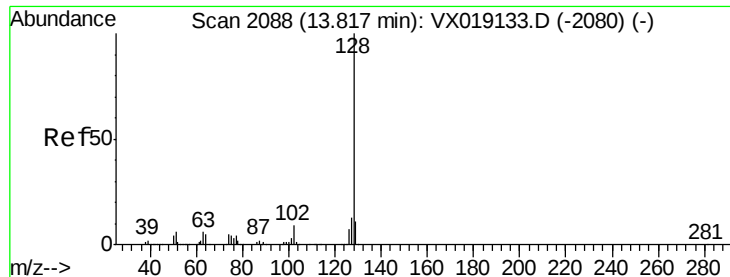
MMDadoda
 11/10/2020 8:57:39 AM



#94
 Hexachlorobutadiene
 Concen: 41.509 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019357.D
 Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	93121		
223	63.5	32.4	97.2	
227	67.6	31.6	94.7	





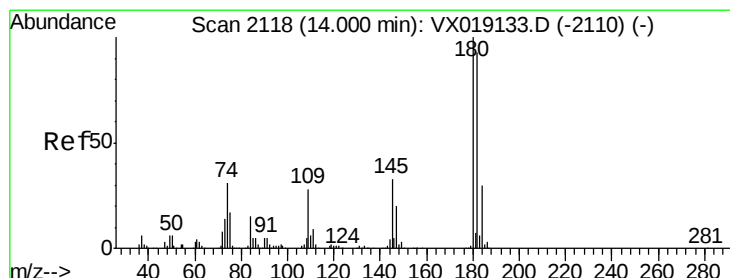
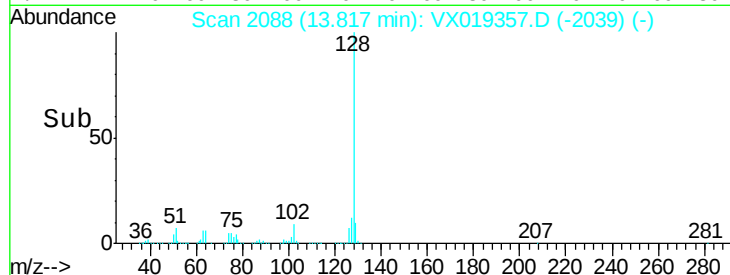
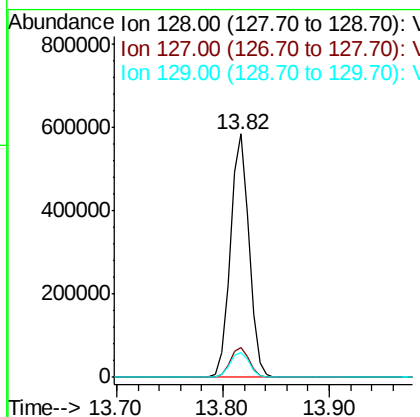
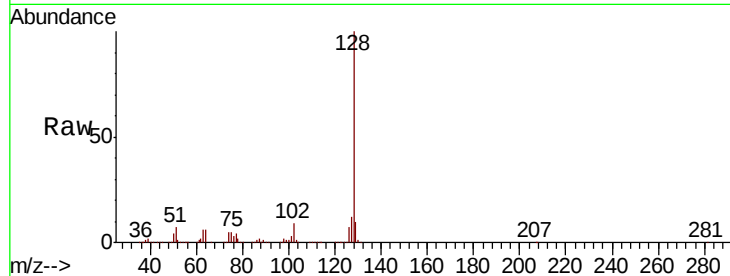
#95
Naphthalene
Concen: 44.639 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

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11/10/2020 8:57:39 AM



#96
1,2,3-Trichlorobenzene
Concen: 44.122 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019357.D
Acq: 09 Nov 2020 10:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.8	143.3
145	34.5	16.5	49.5

