

Data File : VX019298.D
Acq On : 05 Nov 2020 02:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
11/5/2020 7:02:30 PM

Quant Time: Nov 05 03:40:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	249975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	429435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	390304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201581	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	162957	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	5.46	113	127650	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
50) Toluene-d8	8.70	98	490462	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.12	95	185167	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	107103	51.394	ug/l	99
3) Chloromethane	1.31	50	118696	50.982	ug/l	100
4) Vinyl Chloride	1.39	62	145248	53.795	ug/l	99
5) Bromomethane	1.64	94	87242	47.313	ug/l	98
6) Chloroethane	1.71	64	97210	56.389	ug/l	98
7) Trichlorofluoromethane	1.92	101	227039	53.524	ug/l	97
8) Diethyl Ether	2.17	74	88777	54.532	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	123400	52.485	ug/l	98
10) Methyl Iodide	2.50	142	88153	34.091	ug/l	99
11) Tert butyl alcohol	3.02	59	148806	233.702	ug/l	100
12) 1,1-Dichloroethene	2.36	96	123166	50.836	ug/l	96
13) Acrolein	2.27	56	79676	279.199	ug/l	100
14) Allyl chloride	2.71	41	195714	53.332	ug/l	99
15) Acrylonitrile	3.11	53	357287	267.029	ug/l	99
16) Acetone	2.42	43	285680	256.875	ug/l	99
17) Carbon Disulfide	2.55	76	336771	48.783	ug/l	100
18) Methyl Acetate	2.75	43	150289	55.572	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	455104	54.213	ug/l	99
20) Methylene Chloride	2.84	84	146984	52.644	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	143155	51.340	ug/l	95
22) Diisopropyl ether	3.82	45	424914	58.081	ug/l	98
23) Vinyl Acetate	3.78	43	1838610	281.820	ug/l	97
24) 1,1-Dichloroethane	3.67	63	255650	55.968	ug/l	100
25) 2-Butanone	4.64	43	462685	263.980	ug/l	99
26) 2,2-Dichloropropane	4.55	77	195200	45.457	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	165315	53.055	ug/l	98
28) Bromochloromethane	4.98	49	111852	53.864	ug/l	92
29) Tetrahydrofuran	5.09	42	302937	274.261	ug/l	98
30) Chloroform	5.18	83	270142	55.562	ug/l	99
31) Cyclohexane	5.55	56	220204	54.037	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	240001	54.446	ug/l	99
36) 1,1-Dichloropropene	5.77	75	201621	50.844	ug/l	98
37) Ethyl Acetate	4.79	43	188059	51.077	ug/l	99
38) Carbon Tetrachloride	5.76	117	206632	51.121	ug/l	98

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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)
39) Methylcyclohexane	7.44	83	233813	49.311	ug/l	96
40) Benzene	6.11	78	592597	52.706	ug/l	100
41) Methacrylonitrile	5.00	41	104124	52.513	ug/l	97
42) 1,2-Dichloroethane	6.16	62	218393	52.704	ug/l	100
43) Isopropyl Acetate	6.41	43	317675	51.529	ug/l	99
44) Trichloroethene	7.19	130	158519	49.229	ug/l	96
45) 1,2-Dichloropropane	7.49	63	150559	54.671	ug/l	100
46) Dibromomethane	7.63	93	104215	51.175	ug/l	97
47) Bromodichloromethane	7.87	83	213470	53.183	ug/l	99
48) Methyl methacrylate	7.74	41	156862	52.864	ug/l	98
49) 1,4-Dioxane	7.73	88	60671	919.409	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	946840	267.216	ug/l	99
52) Toluene	8.76	92	378386	52.252	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	227511	49.625	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	245769	50.979	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	149992	52.423	ug/l	99
56) Ethyl methacrylate	9.16	69	228741	52.928	ug/l	98
57) 1,3-Dichloropropane	9.35	76	251903	52.219	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	608126	251.606	ug/l	96
59) 2-Hexanone	9.47	43	703258	260.733	ug/l	99
60) Dibromochloromethane	9.56	129	158529	51.054	ug/l	99
61) 1,2-Dibromoethane	9.65	107	155933	50.964	ug/l	100
64) Tetrachloroethene	9.32	164	145746	49.012	ug/l	97
65) Chlorobenzene	10.12	112	393158	49.284	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	145012	50.493	ug/l	99
67) Ethyl Benzene	10.23	91	723048	50.865	ug/l	99
68) m/p-Xylenes	10.34	106	541833	101.559	ug/l	97
69) o-Xylene	10.68	106	256767	50.741	ug/l	100
70) Styrene	10.70	104	439389	50.889	ug/l	99
71) Bromoform	10.84	173	110652	48.595	ug/l	99
73) Isopropylbenzene	11.00	105	697863	48.908	ug/l	99
74) N-amyl acetate	10.88	43	270136	51.779	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	225145	50.488	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	203813m	48.967	ug/l	
77) Bromobenzene	11.24	156	166181	46.926	ug/l	93
78) n-propylbenzene	11.34	91	801356	49.198	ug/l	99
79) 2-Chlorotoluene	11.40	91	475028	49.536	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	586904	48.688	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	68496	43.330	ug/l	96
82) 4-Chlorotoluene	11.49	91	568979	48.588	ug/l	99
83) tert-Butylbenzene	11.76	119	564885	48.942	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	593692	48.785	ug/l	100
85) sec-Butylbenzene	11.93	105	672860	48.606	ug/l	100
86) p-Isopropyltoluene	12.05	119	624247	48.856	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	307534	46.631	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	315231	45.918	ug/l	98
89) n-Butylbenzene	12.37	91	569705	47.436	ug/l	99
90) Hexachloroethane	12.58	117	104289	48.020	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	298701	47.168	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50275	46.053	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110620\
Quantitation Report (QT Reviewed)

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ClientSampleId :
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11/5/2020 7:02:30 PM

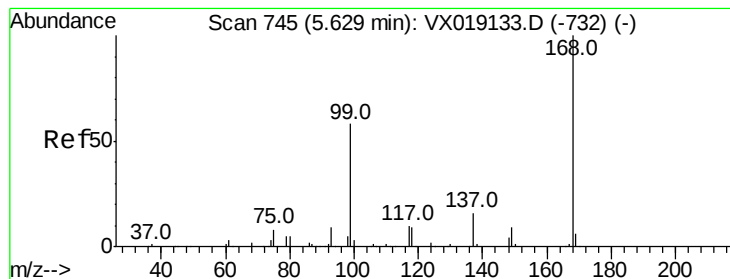
Quant Time: Nov 05 03:40:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	206621	43.438	ug/l	98
94) Hexachlorobutadiene	13.76	225	84503	40.356	ug/l	98
95) Naphthalene	13.82	128	681039	45.459	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	202758	43.939	ug/l	97

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

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[illegible]



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 249975

Ion Ratio Lower Upper

168 100

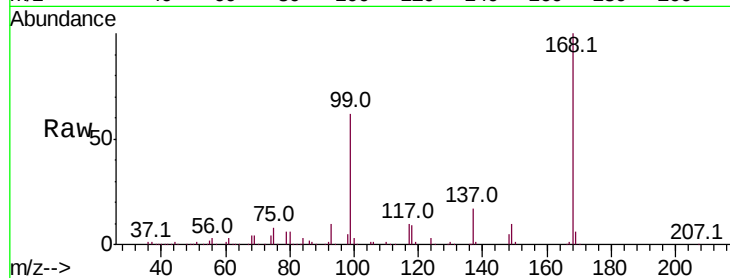
99 61.9 46.6 69.8

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

5.63

100000

80000

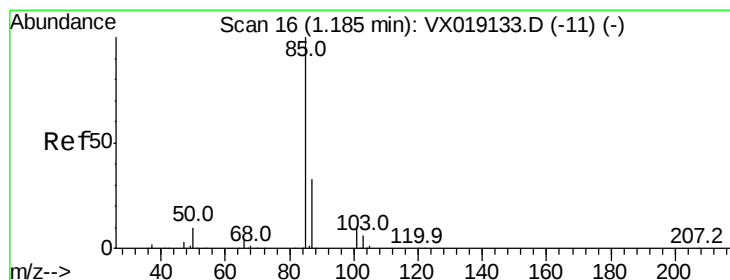
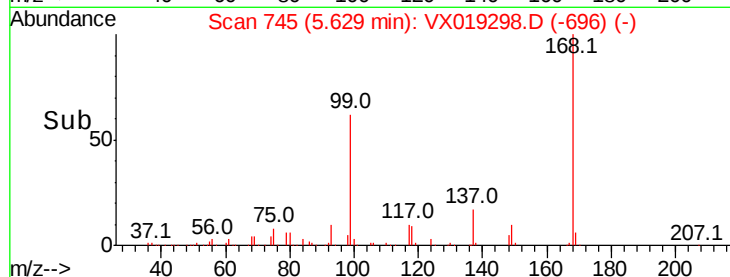
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.394 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019298.D

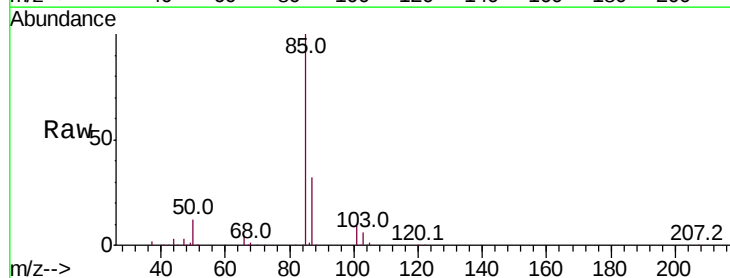
Acq: 05 Nov 2020 02:24

Tgt Ion: 85 Resp: 107103

Ion Ratio Lower Upper

85 100

87 32.5 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

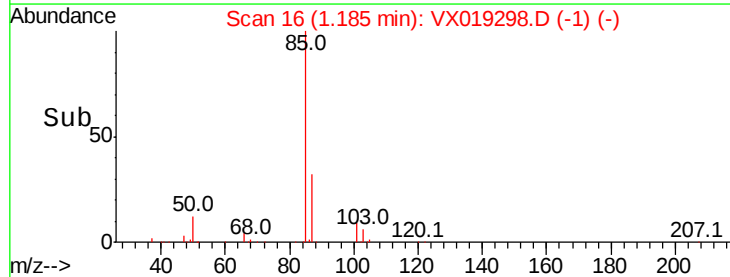
1.18

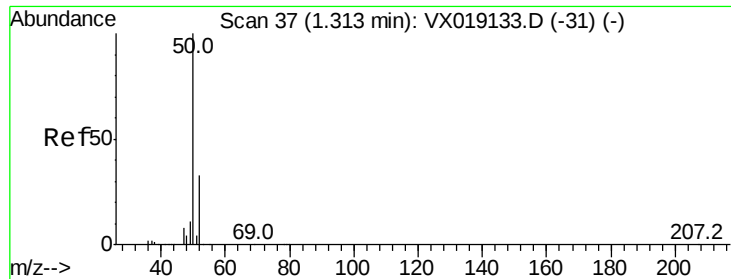
100000

50000

0

Time-->





#3

Chloromethane

Concen: 50.982 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 118696

Ion Ratio Lower Upper

50 100

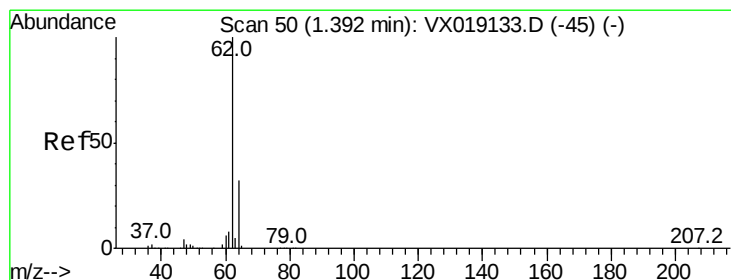
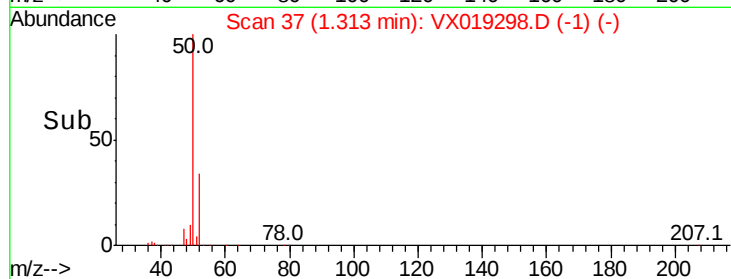
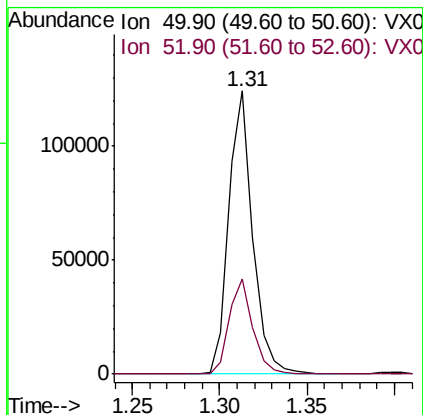
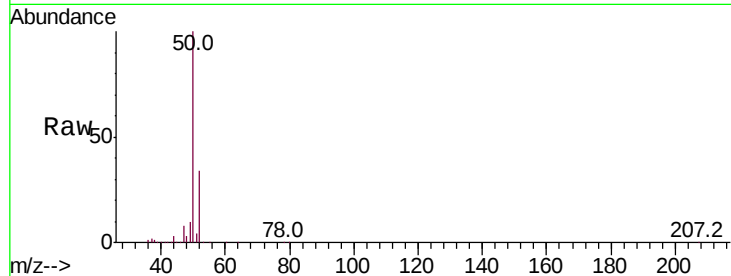
52 33.6 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.795 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019298.D

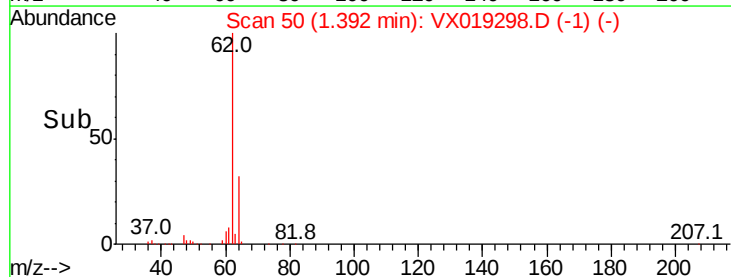
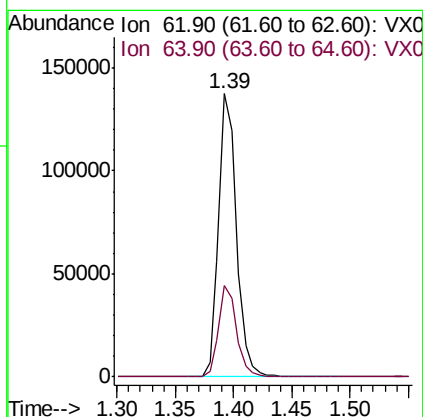
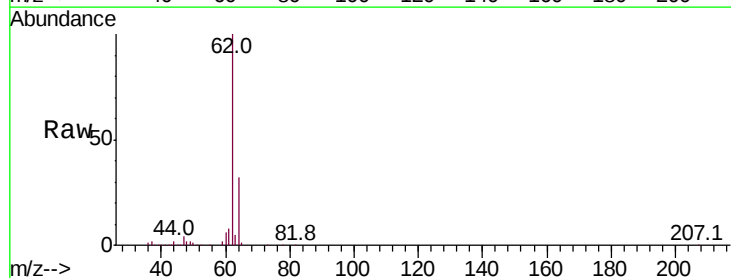
Acq: 05 Nov 2020 02:24

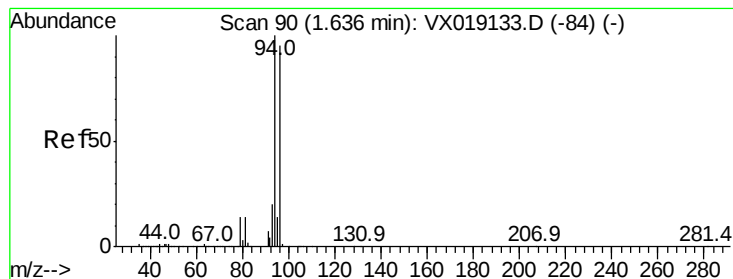
Tgt Ion: 62 Resp: 145248

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 47.313 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 87242

Ion Ratio Lower Upper

94 100

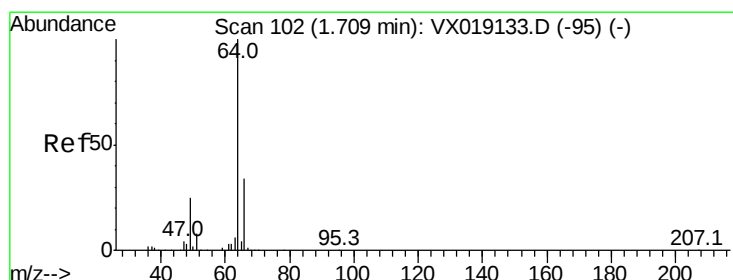
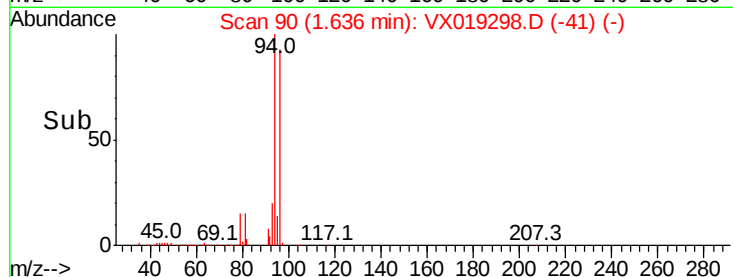
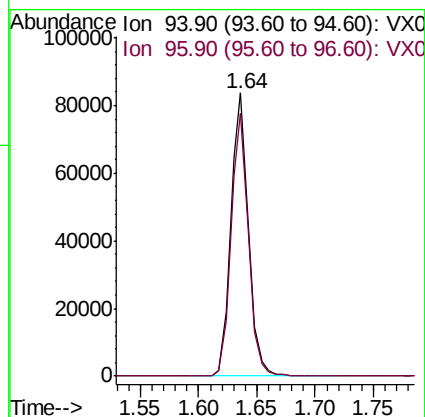
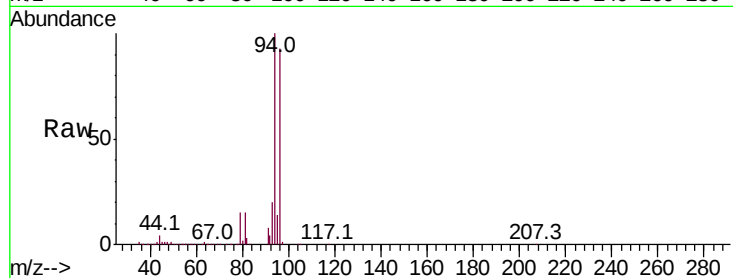
96 92.8 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 56.389 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019298.D

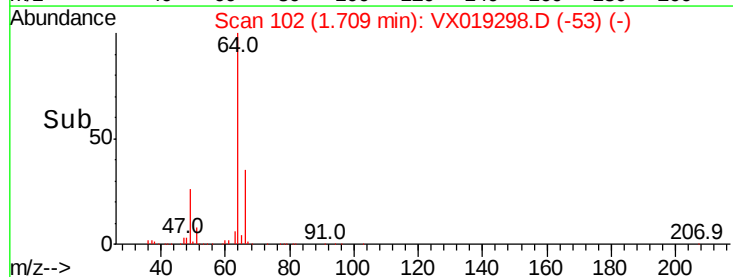
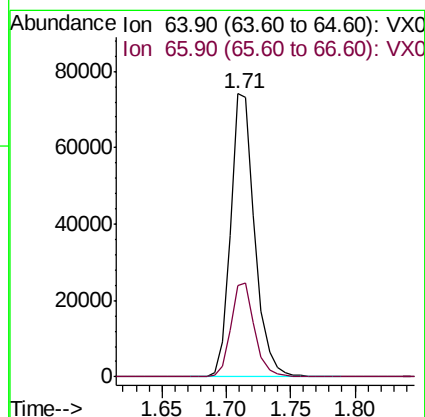
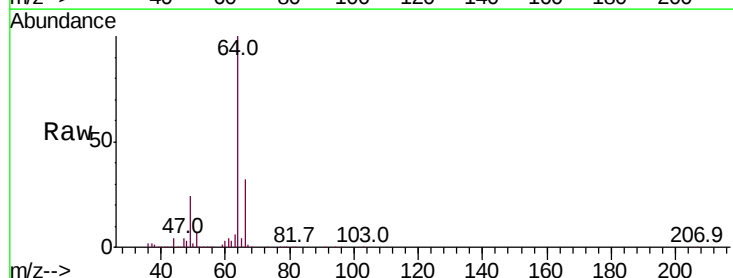
Acq: 05 Nov 2020 02:24

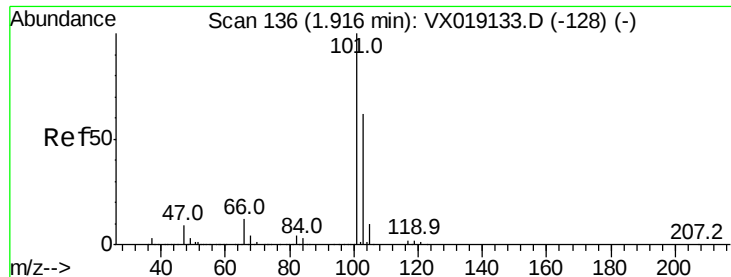
Tgt Ion: 64 Resp: 97210

Ion Ratio Lower Upper

64 100

66 32.5 27.1 40.7





#7

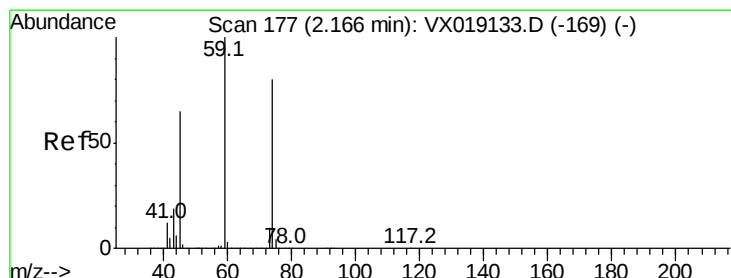
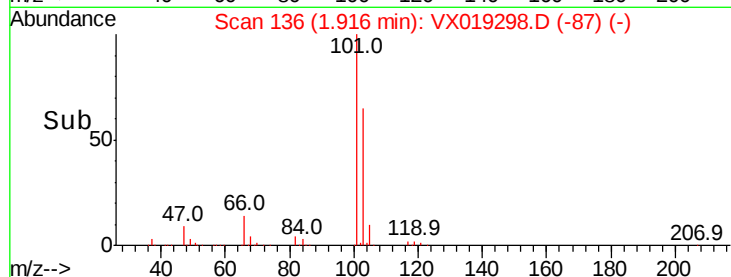
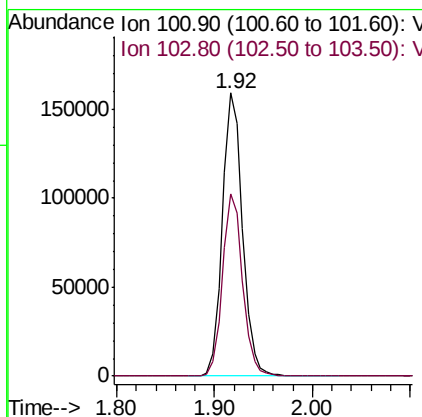
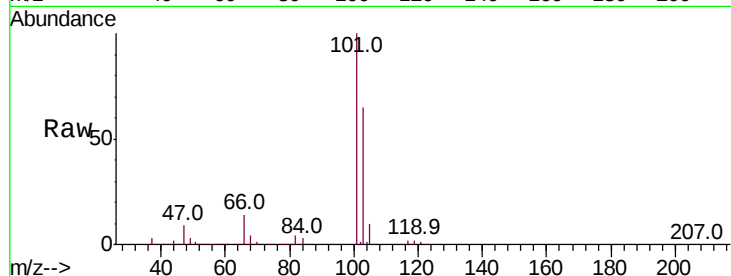
Trichlorofluoromethane
Concen: 53.524 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 227039
Ion Ratio Lower Upper
101 100
103 64.5 50.0 75.0

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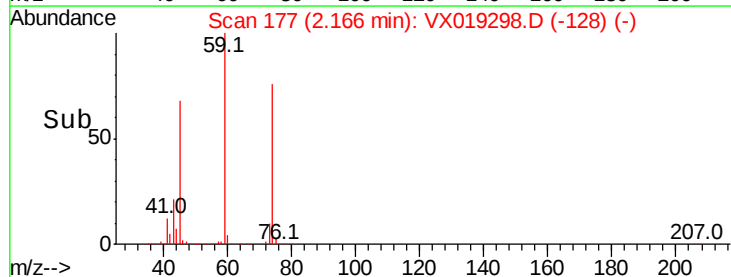
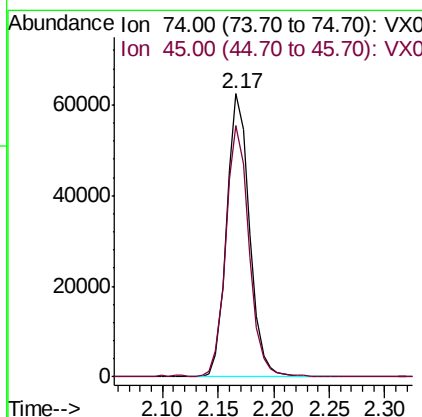
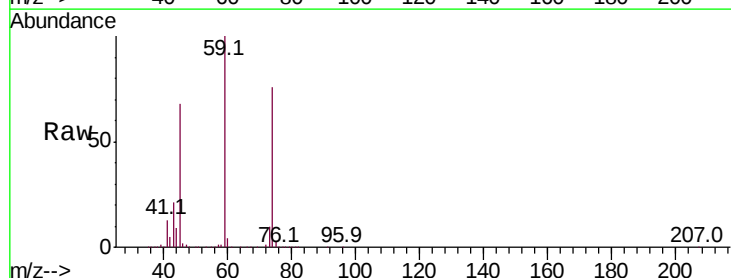
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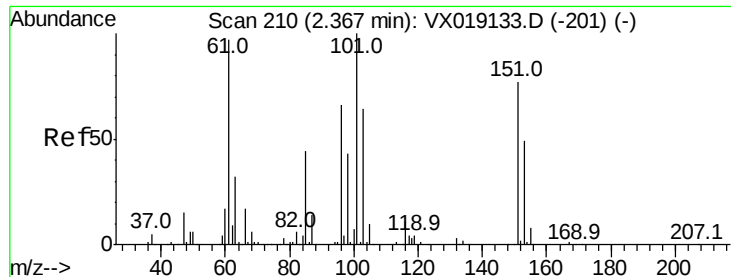


#8

Diethyl Ether
Concen: 54.532 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion: 74 Resp: 88777
Ion Ratio Lower Upper
74 100
45 89.8 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.485 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

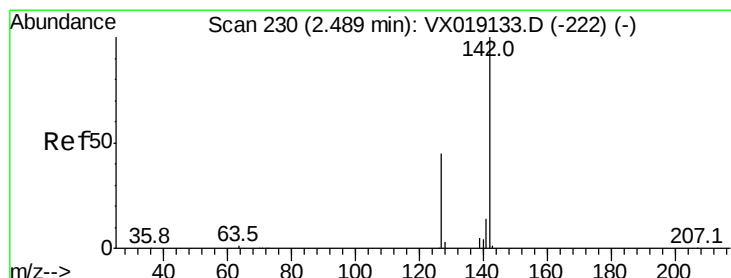
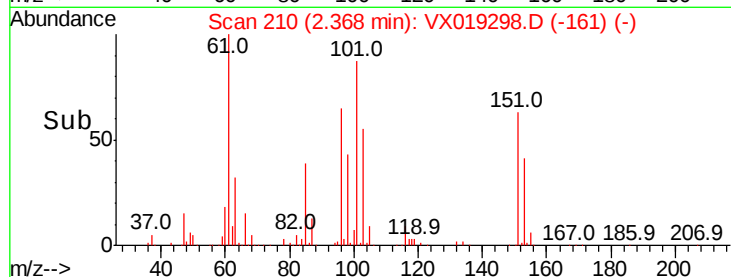
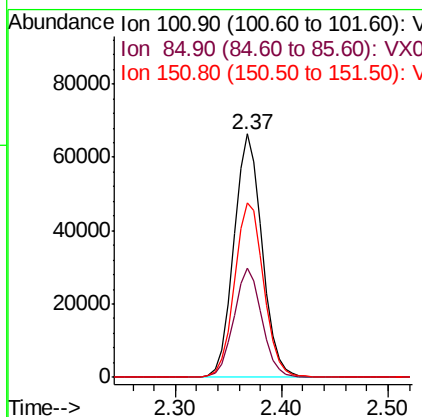
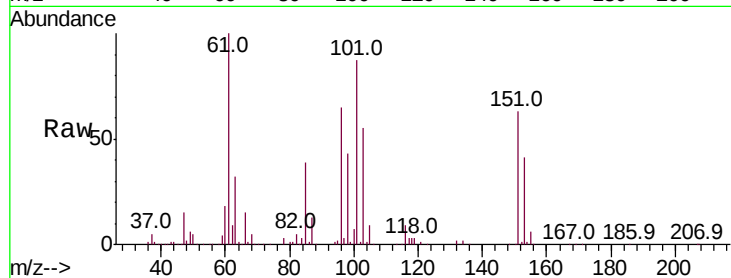
ClientSampleId :

VSTDCCC050EC

Tgt	Ion	101	Resp:	123400
	Ratio	Lower	Upper	
101	100			
85	44.5	35.0	52.4	
151	74.3	61.4	92.2	

Manual Integrations
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#10

Methyl Iodide

Concen: 34.091 ug/l

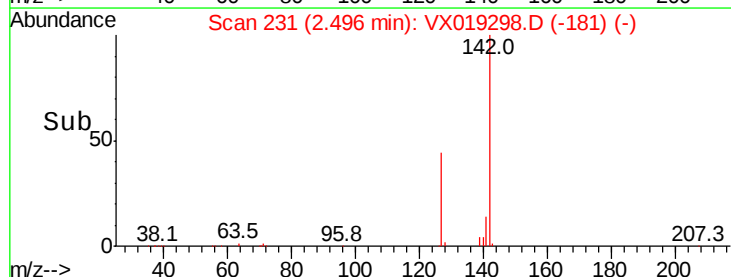
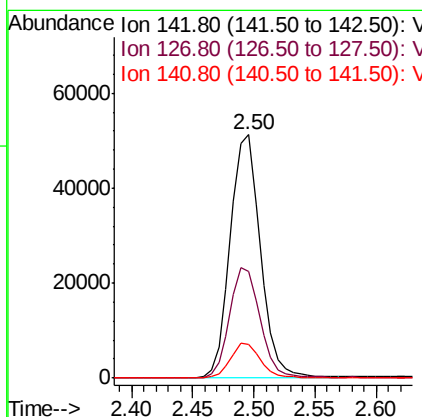
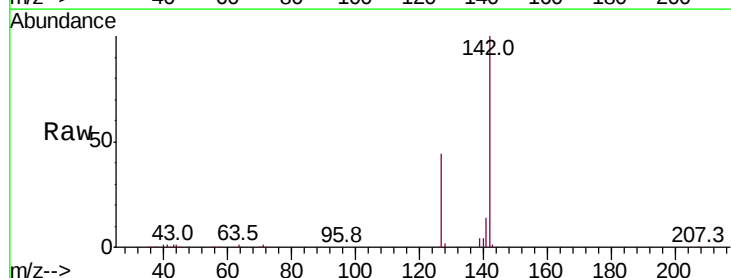
RT: 2.50 min Scan# 231

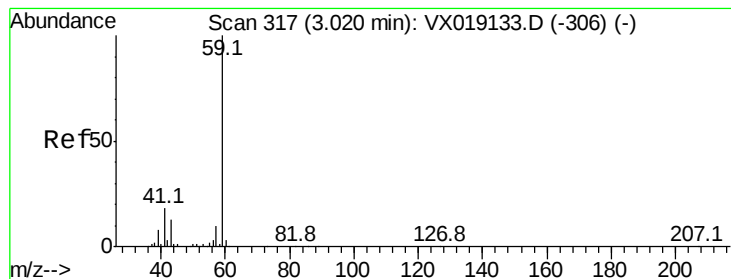
Delta R.T. 0.01 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Tgt	Ion	142	Resp:	88153
	Ratio	Lower	Upper	
142	100			
127	45.9	36.1	54.1	
141	14.1	11.3	16.9	





#11

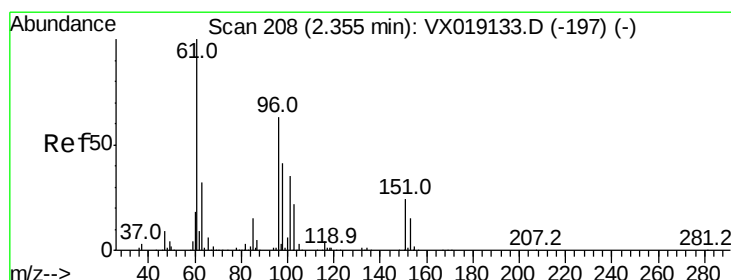
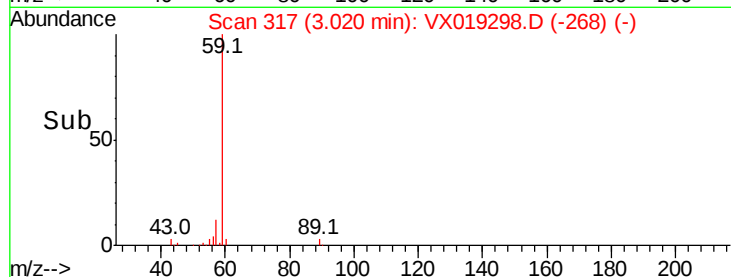
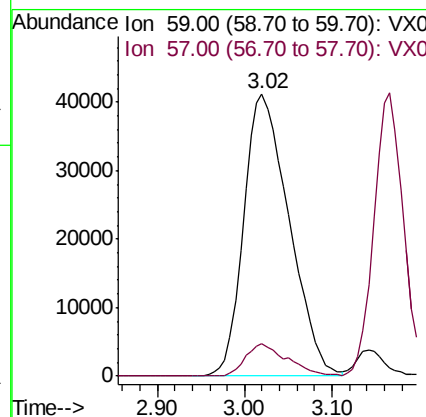
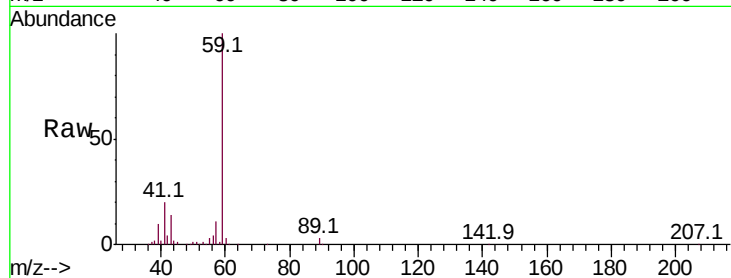
Tert butyl alcohol
Concen: 233.702 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

Manual Integrations
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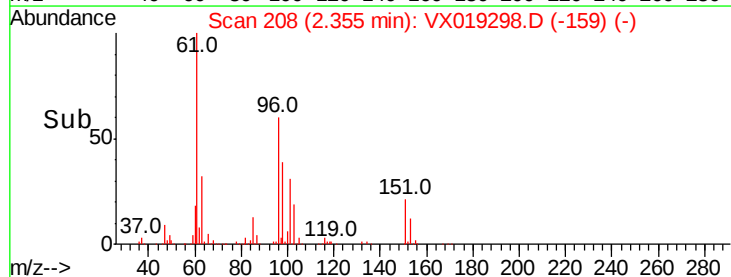
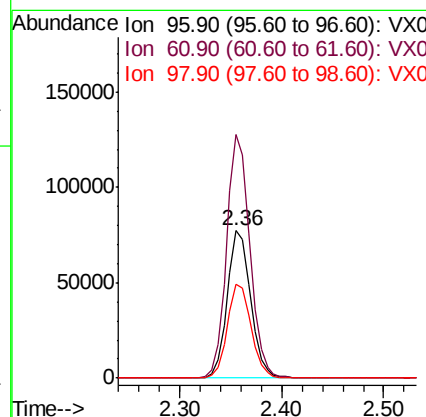
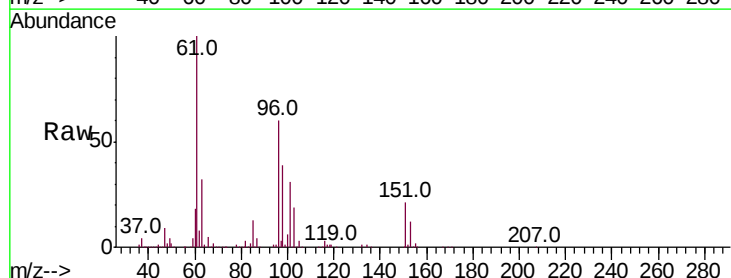
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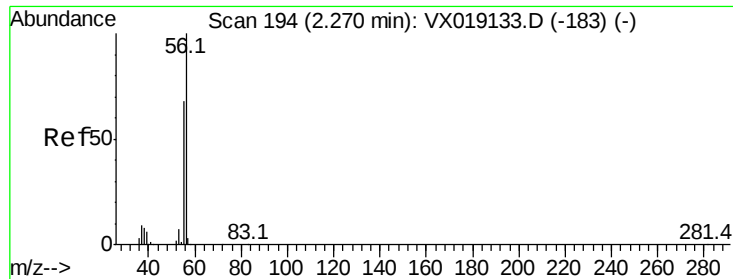


#12

1,1-Dichloroethene
Concen: 50.836 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.6	127.7	191.5
98	64.2	52.1	78.1





#13

Acrolein

Concen: 279.199 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 79676

Ion Ratio Lower Upper

56 100

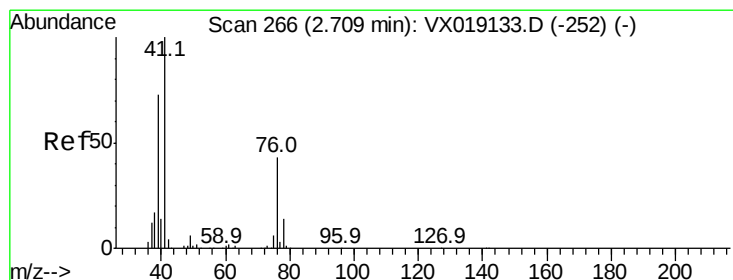
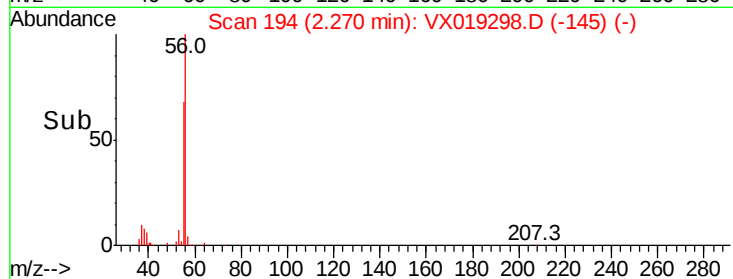
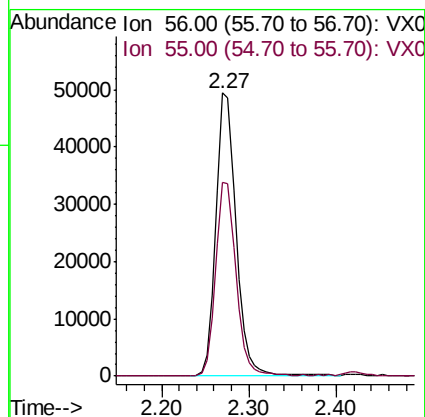
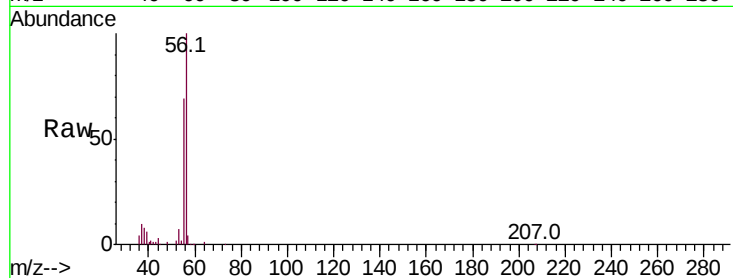
55 68.2 54.7 82.1

Manual Integrations

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#14

Allyl chloride

Concen: 53.332 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

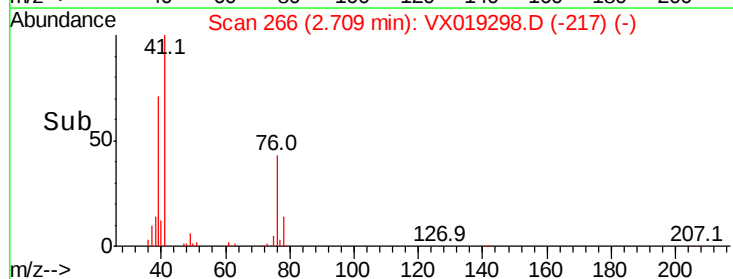
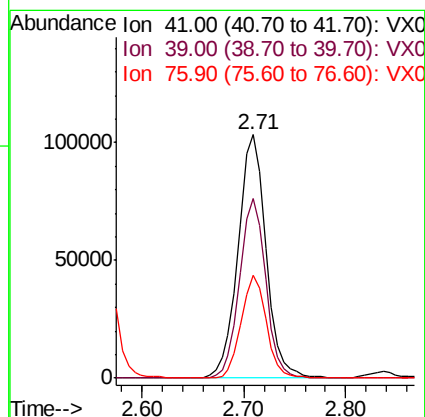
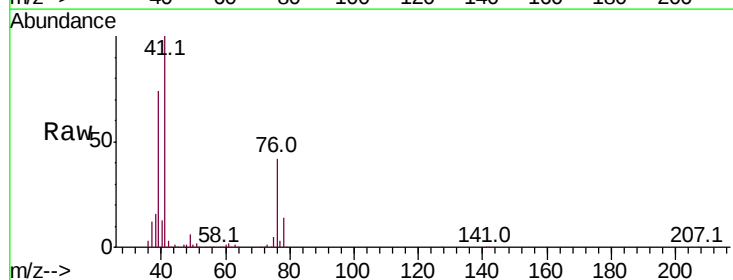
Tgt Ion: 41 Resp: 195714

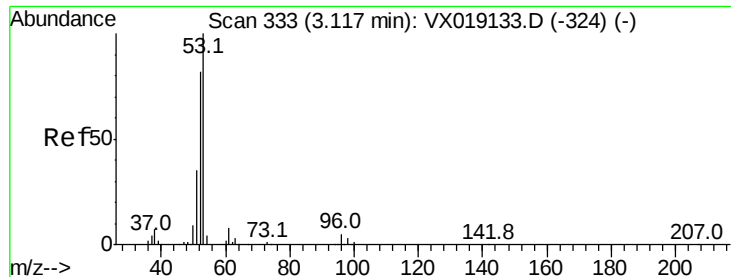
Ion Ratio Lower Upper

41 100

39 69.2 55.2 82.8

76 38.3 31.5 47.3





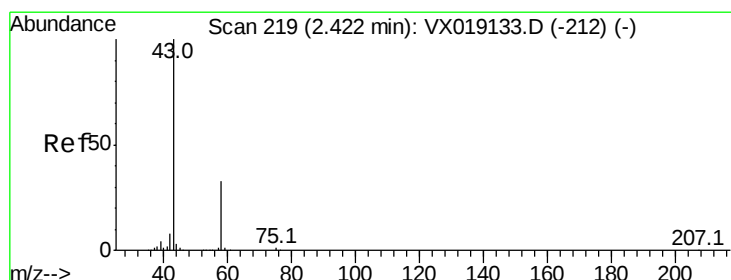
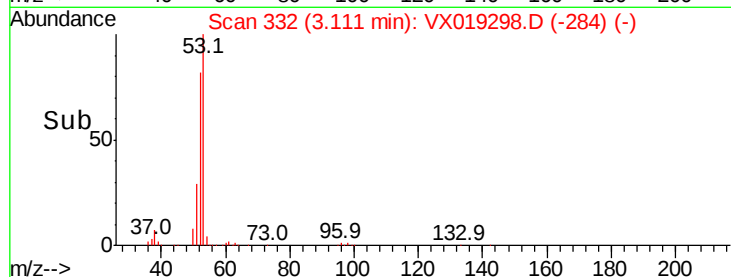
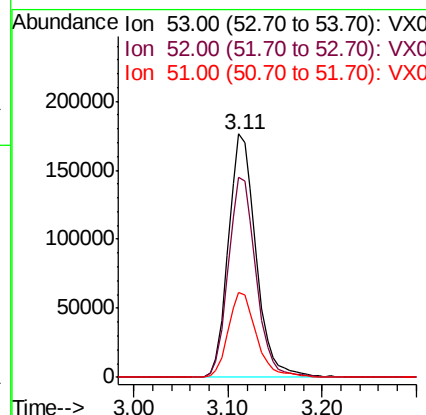
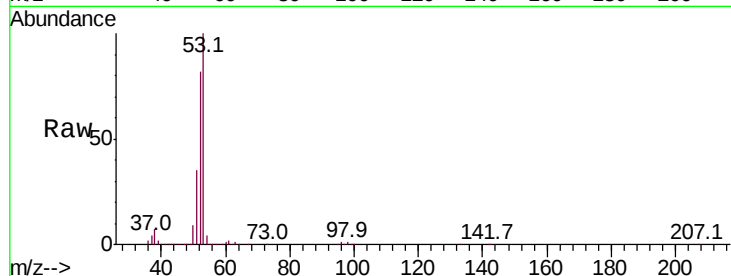
#15
Acrylonitrile
Concen: 267.029 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.7	98.5
51	36.0	28.4	42.6

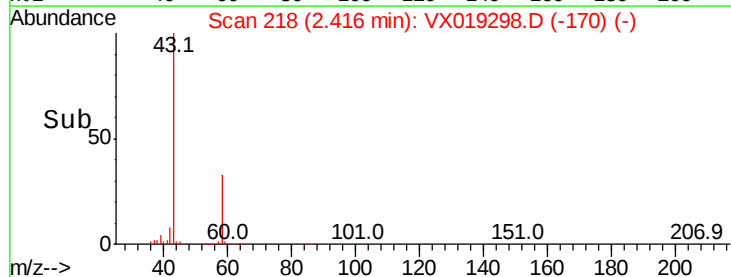
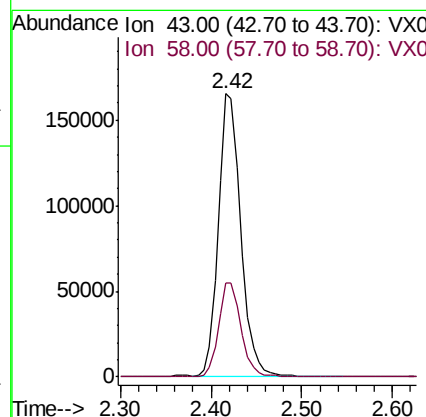
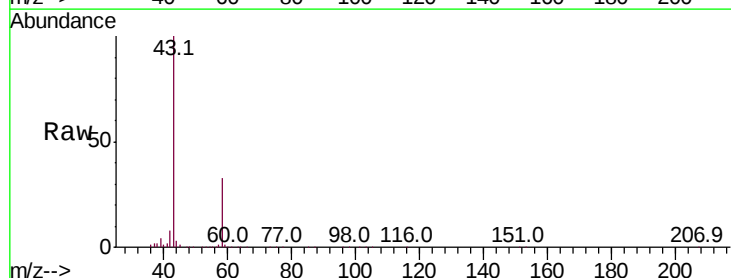
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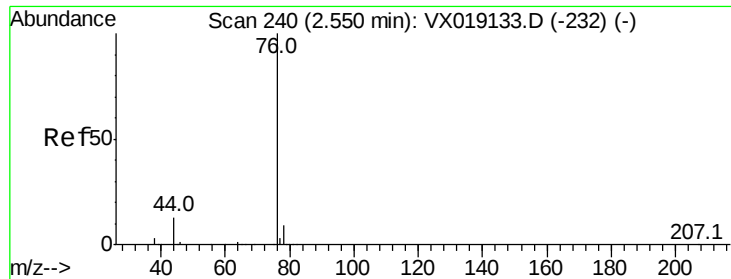
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#16
Acetone
Concen: 256.875 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.3	26.3	39.5





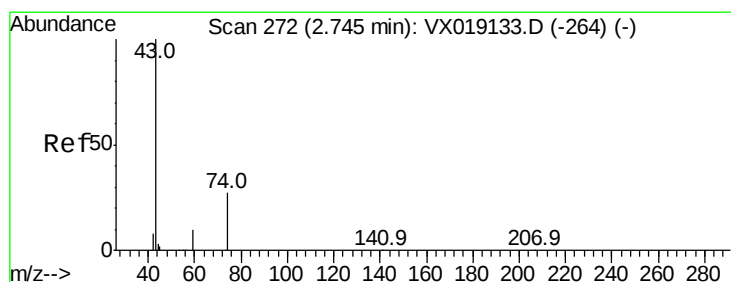
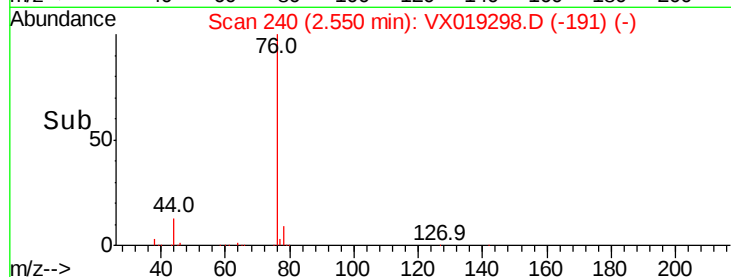
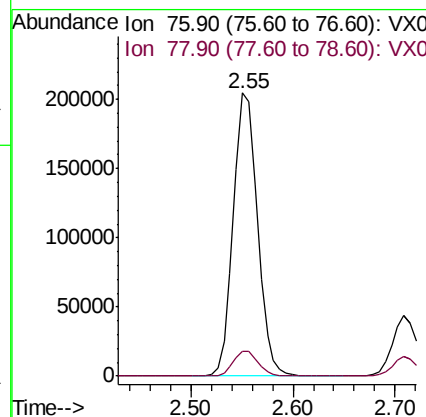
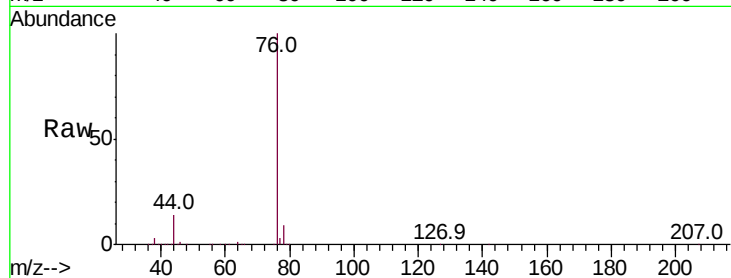
#17
Carbon Disulfide
Concen: 48.783 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

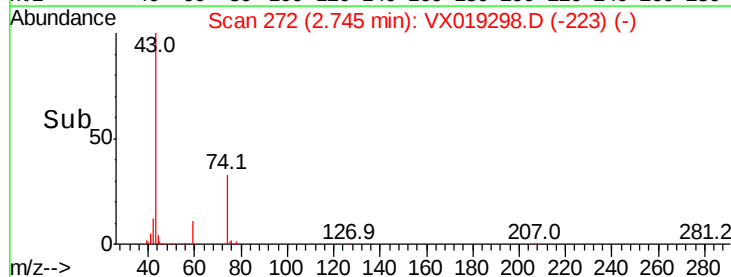
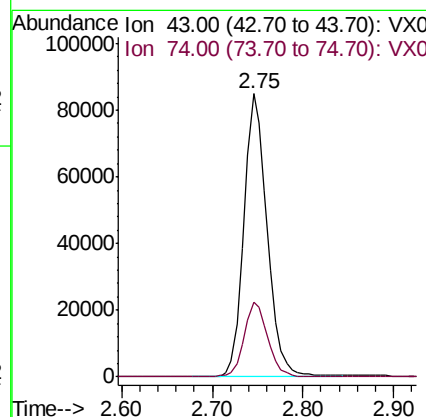
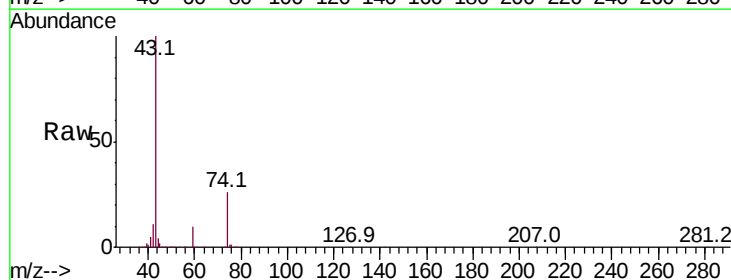
Manual Integrations
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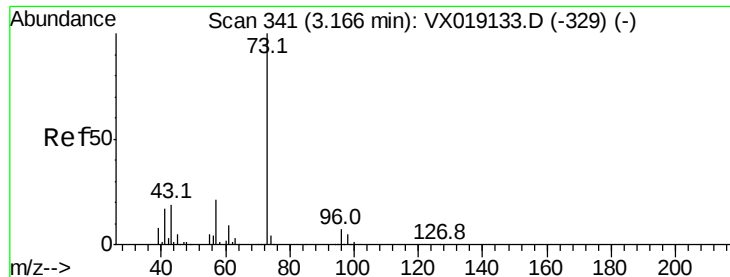
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#18
Methyl Acetate
Concen: 55.572 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	22.6	33.8





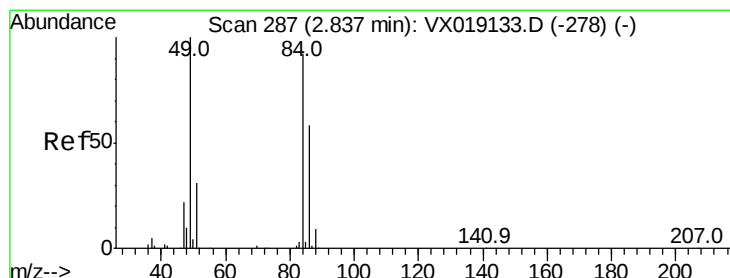
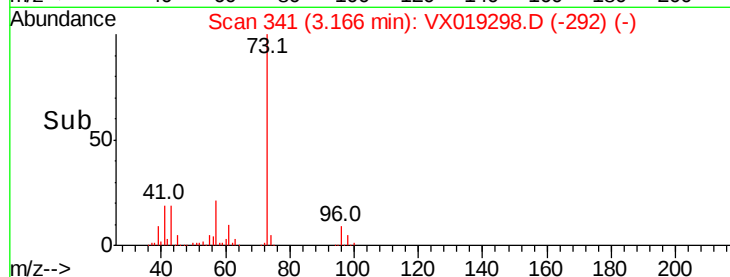
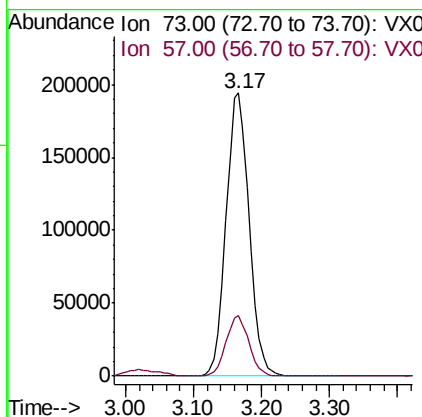
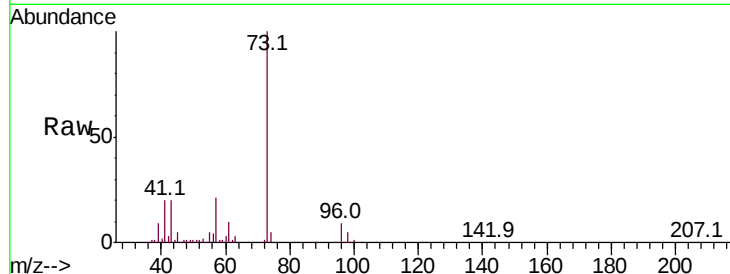
#19
Methyl tert-butyl Ether
Concen: 54.213 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 455104
Ion Ratio Lower Upper
73 100
57 21.3 16.6 25.0

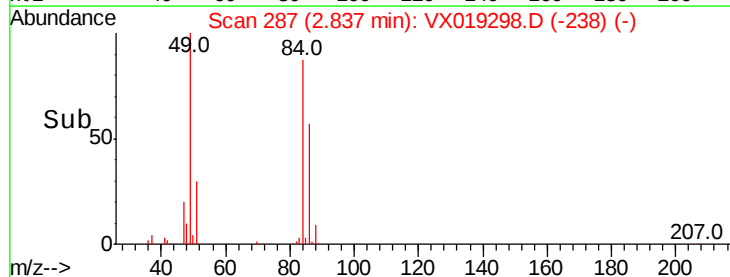
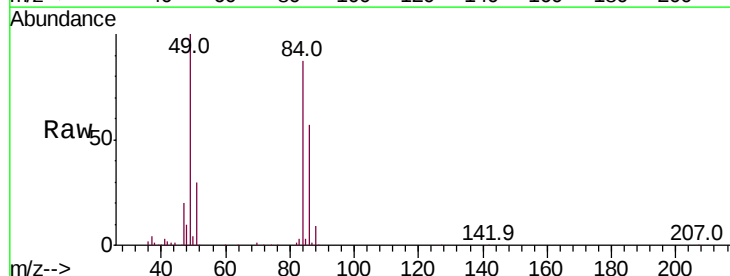
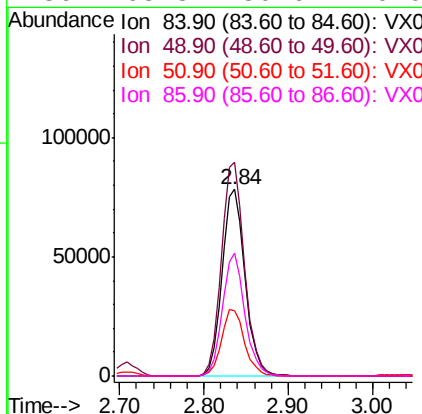
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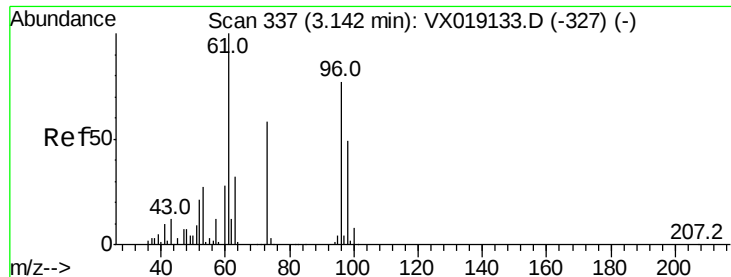
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#20
Methylene Chloride
Concen: 52.644 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion: 84 Resp: 146984
Ion Ratio Lower Upper
84 100
49 114.5 86.8 130.2
51 34.7 27.3 40.9
86 65.8 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 51.340 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

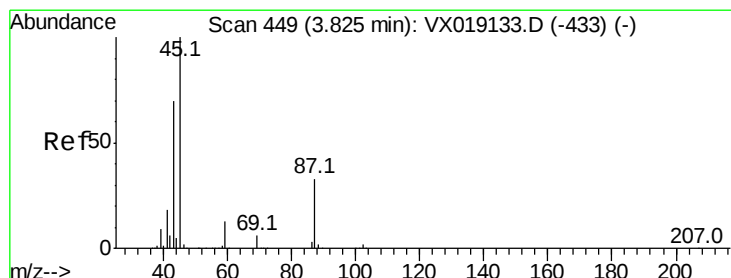
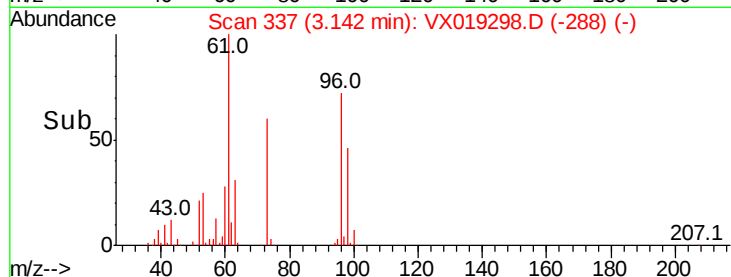
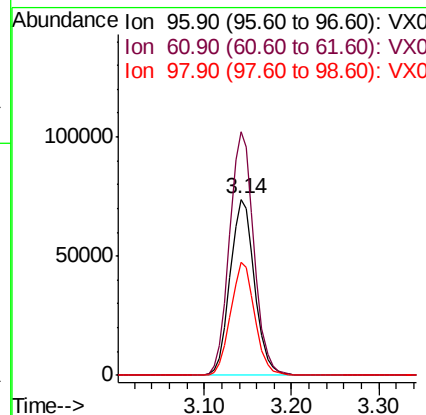
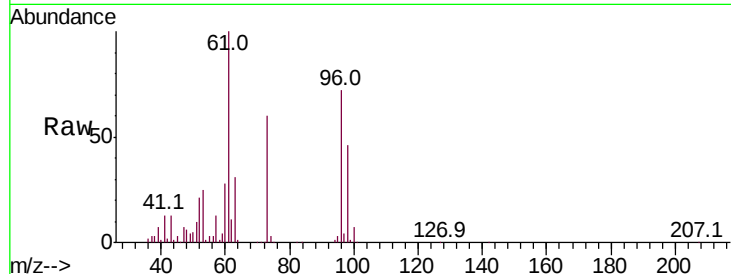
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	143155
Ion	Ratio	Lower	Upper
96	100		
61	138.3	104.2	156.4
98	64.2	51.3	76.9

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#22

Diisopropyl ether

Concen: 58.081 ug/l

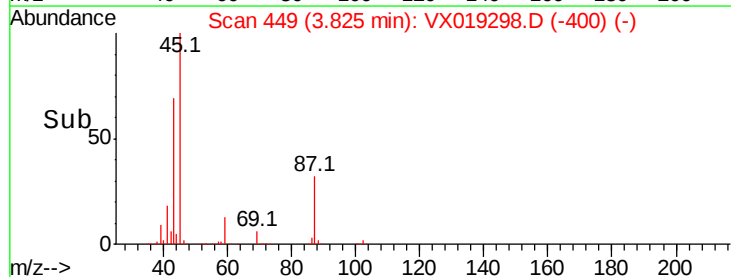
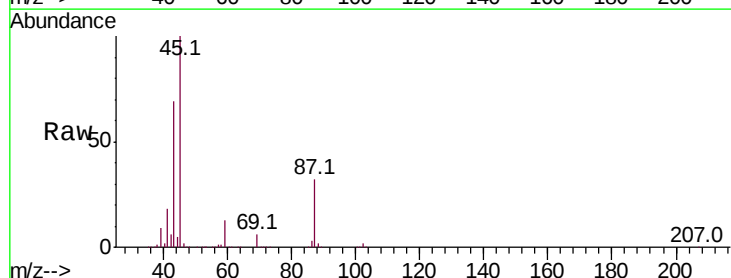
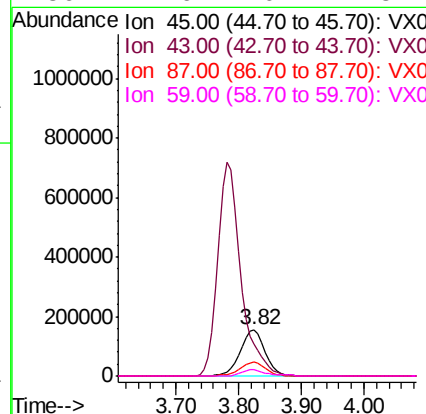
RT: 3.82 min Scan# 449

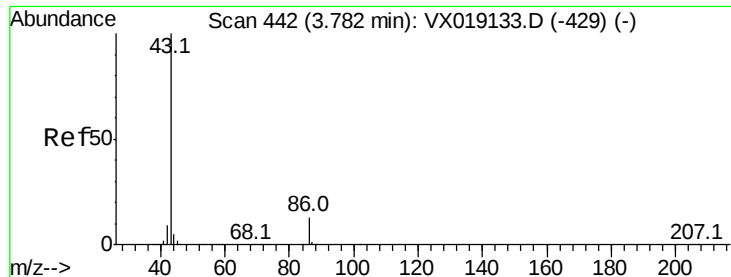
Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Tgt Ion:	45	Resp:	424914
Ion	Ratio	Lower	Upper
45	100		
43	68.4	56.2	84.4
87	31.8	26.2	39.2
59	12.6	10.1	15.1





#23

Vinyl Acetate

Concen: 281.820 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1838610

Ion Ratio Lower Upper

43 100

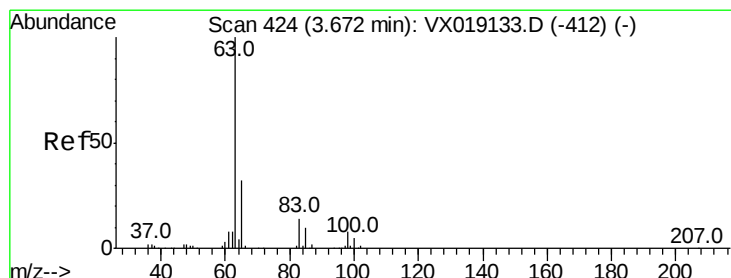
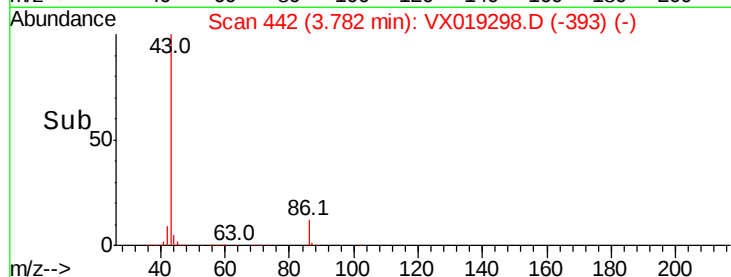
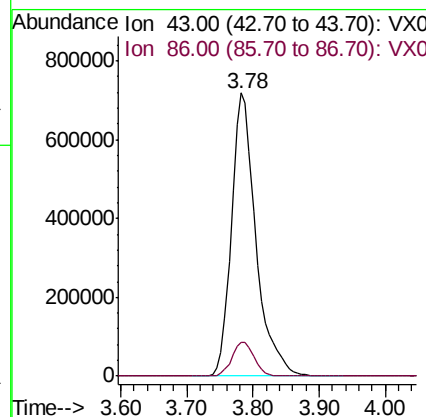
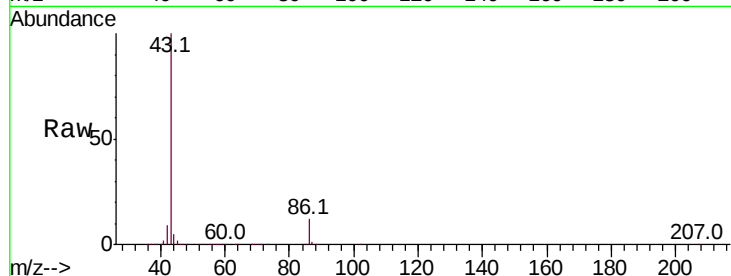
86 11.9 10.4 15.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 55.968 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

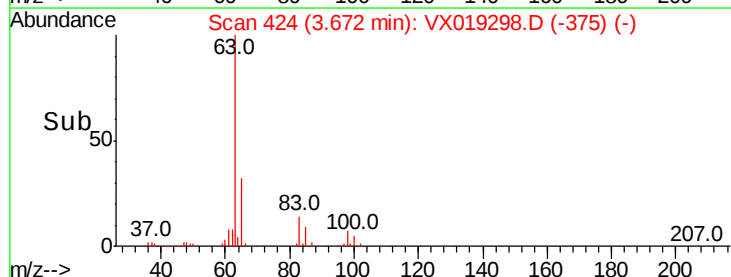
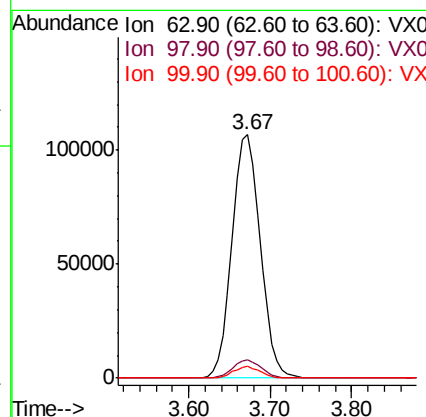
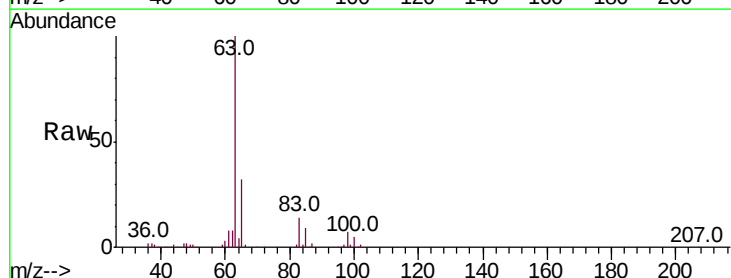
Tgt Ion: 63 Resp: 255650

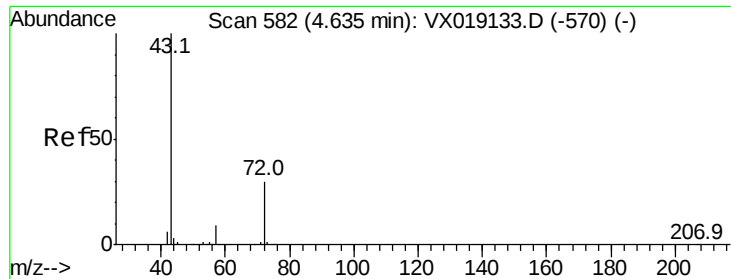
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.7 2.4 7.2





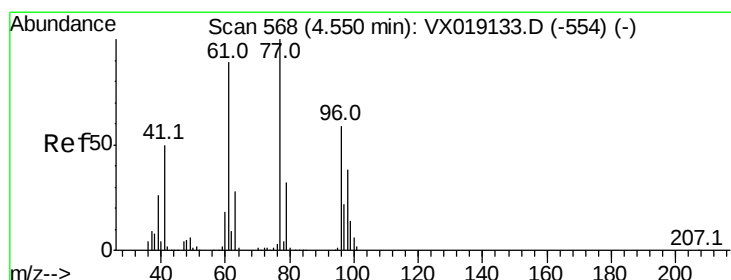
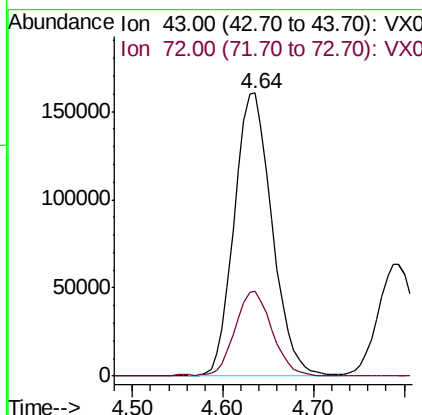
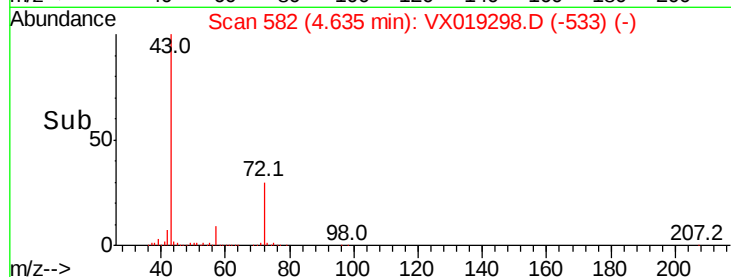
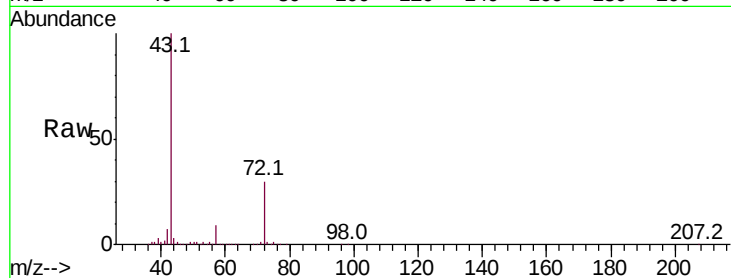
#25
2-Butanone
Concen: 263.980 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 462685
Ion Ratio Lower Upper
43 100
72 30.0 24.6 36.8

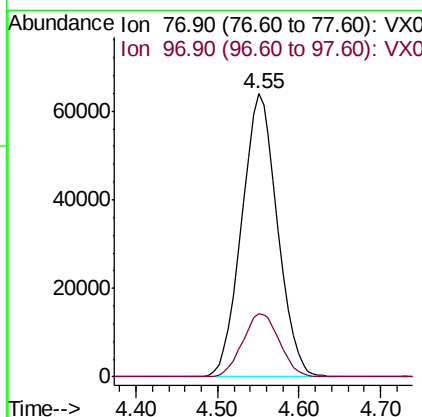
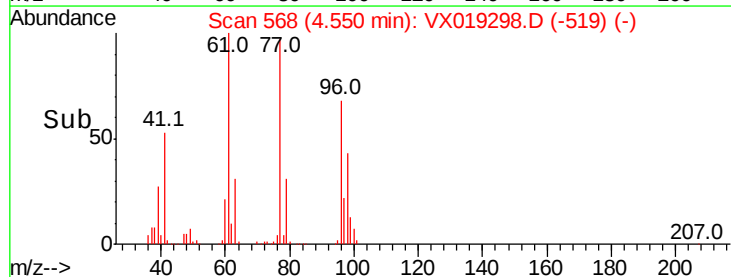
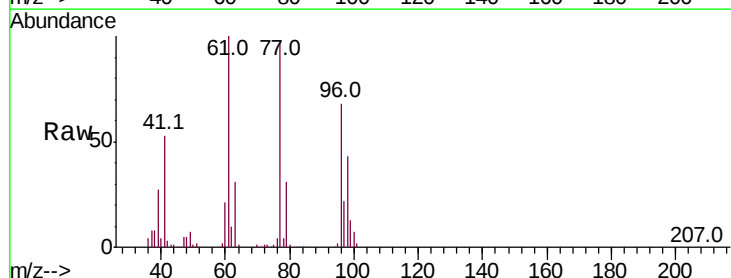
Manual Integrations
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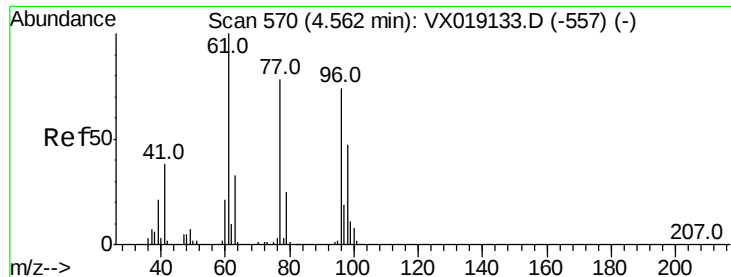
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#26
2,2-Dichloropropane
Concen: 45.457 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion: 77 Resp: 195200
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1





#27

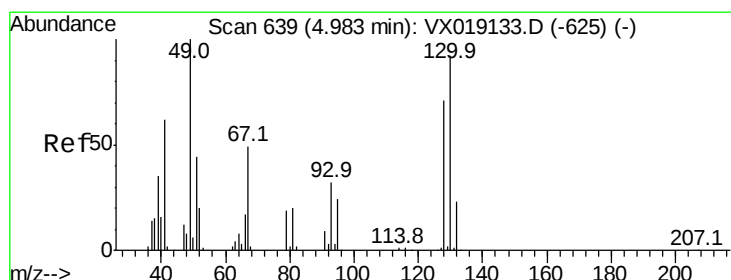
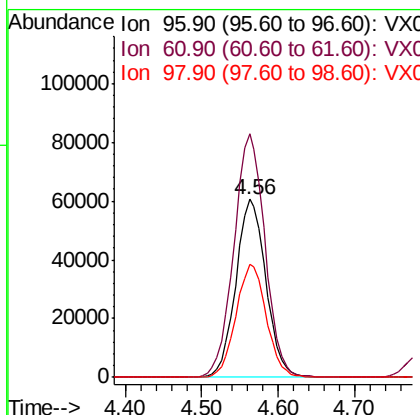
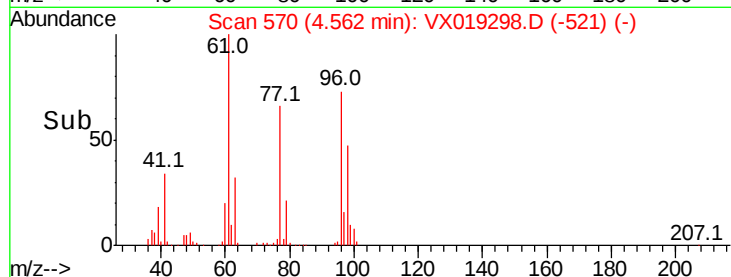
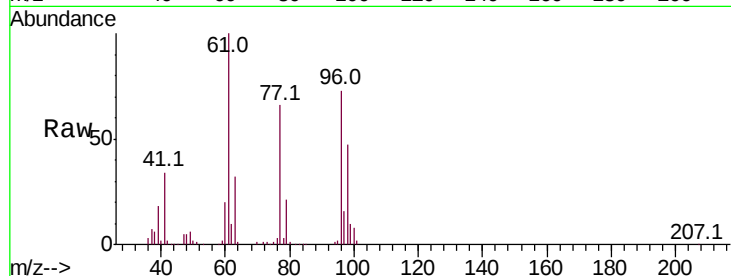
cis-1,2-Dichloroethene
Concen: 53.055 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	165315		
61	141.5	0.0	278.8	
98	64.2	0.0	130.2	

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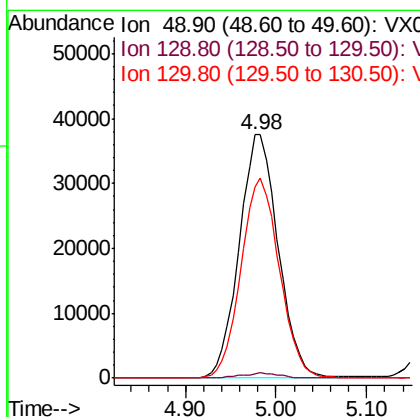
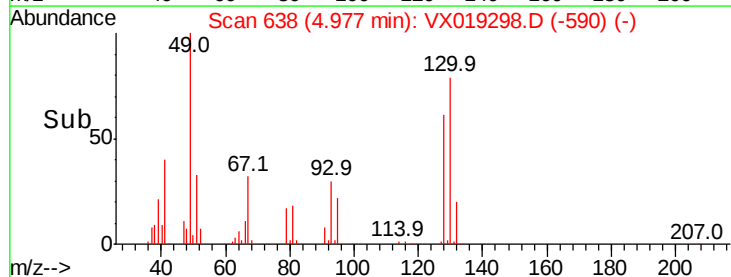
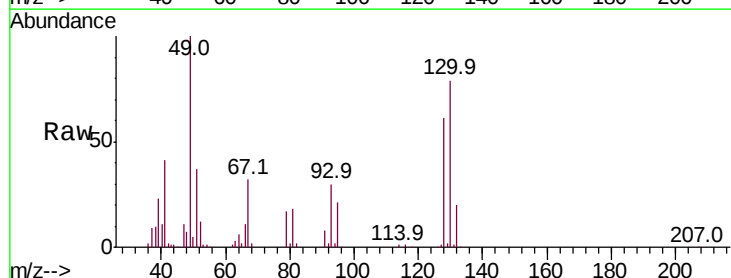
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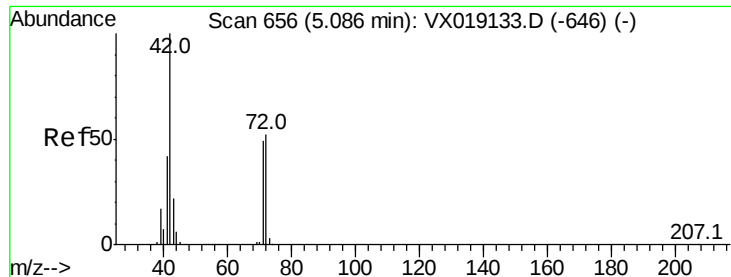


#28

Bromochloromethane
Concen: 53.864 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	111852		
129	2.0	0.0	4.4	
130	81.1	71.3	106.9	





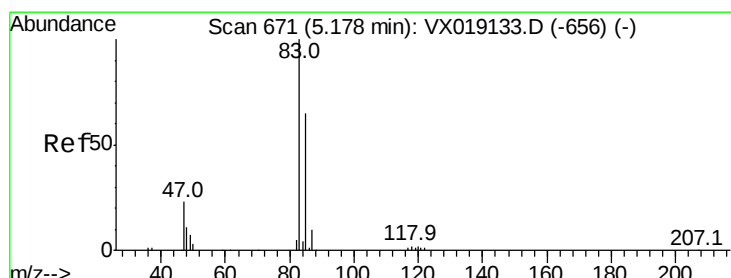
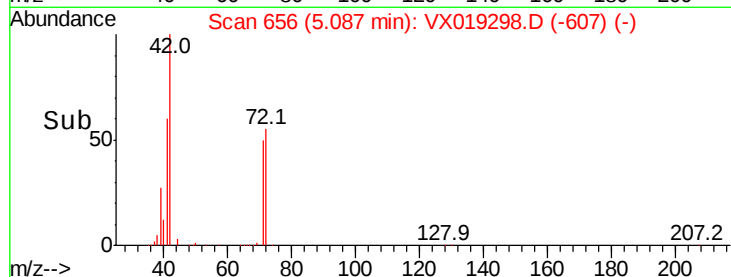
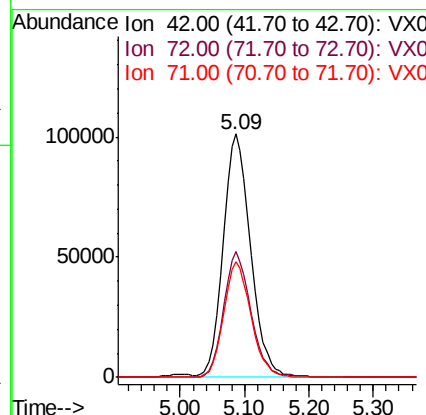
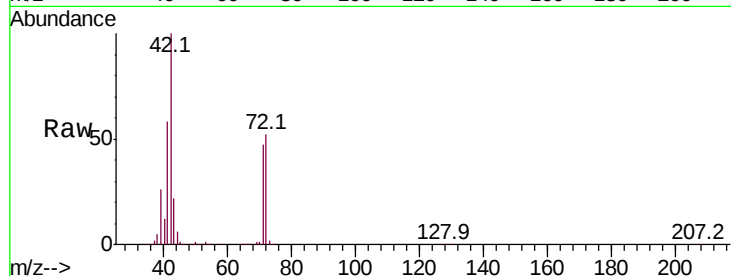
#29
Tetrahydrofuran
Concen: 274.261 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	51.7	42.6	63.8
71	47.6	39.7	59.5

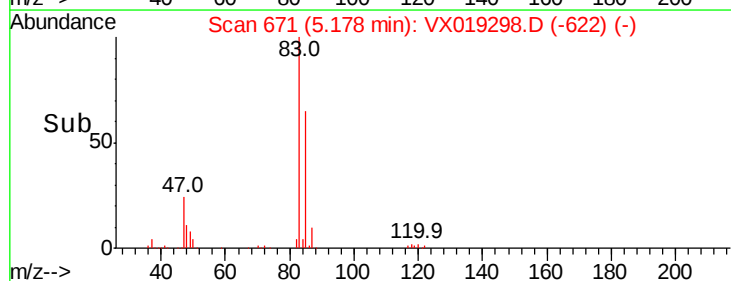
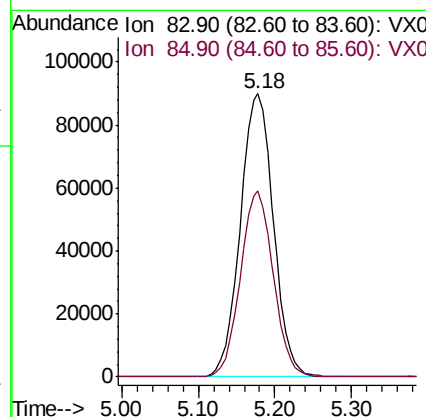
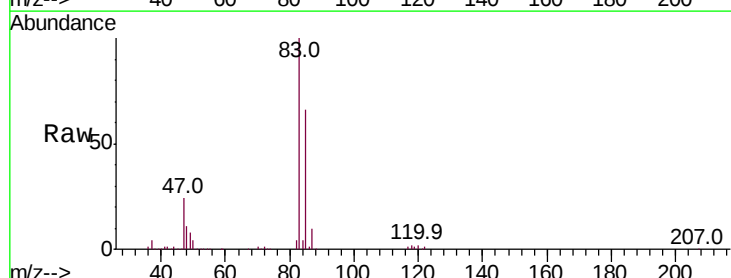
Manual Integrations
APPROVED

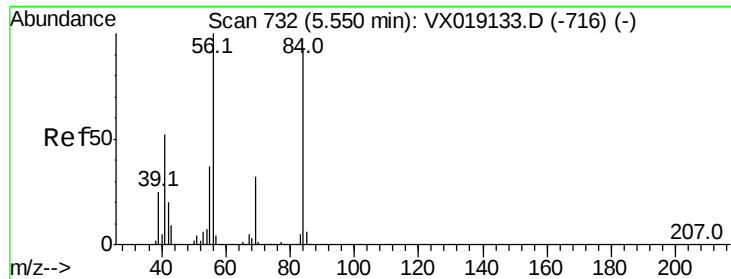
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11/5/2020 7:02:30 PM



#30
Chloroform
Concen: 55.562 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.9	77.9





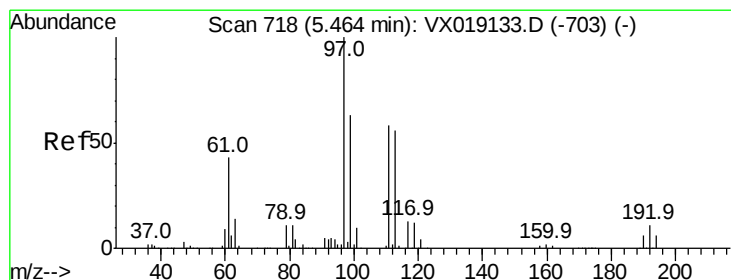
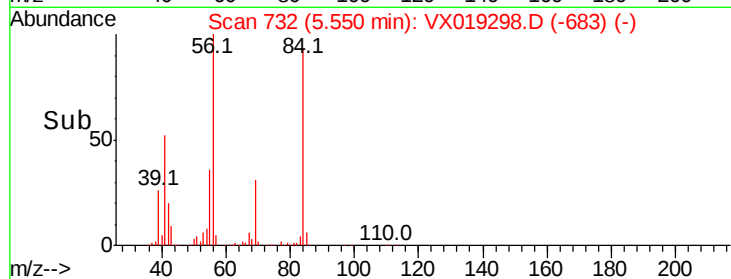
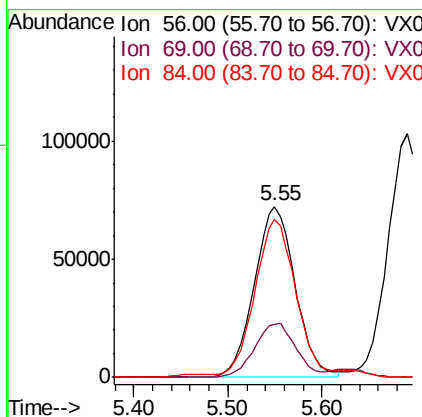
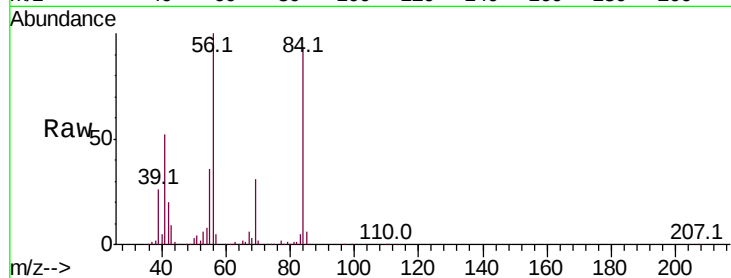
#31
Cyclohexane
Concen: 54.037 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.9	38.9
84	90.7	73.4	110.2

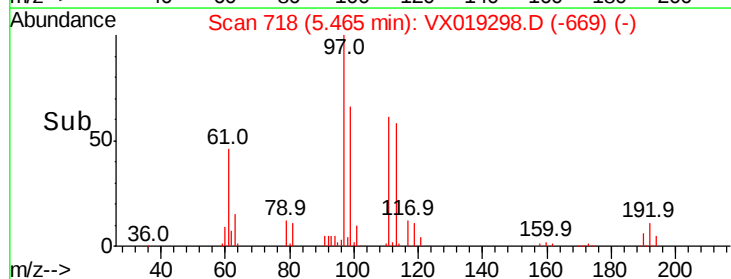
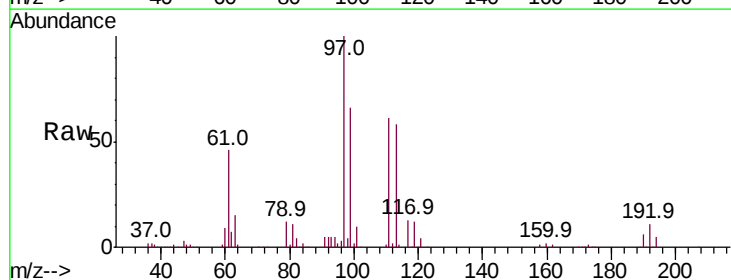
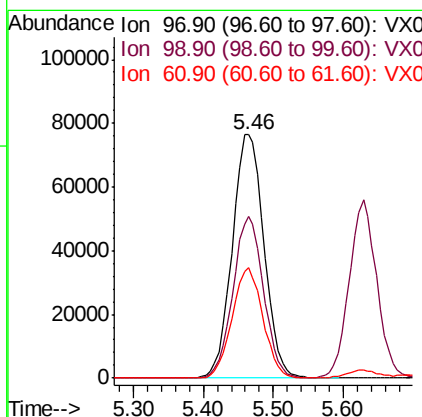
Manual Integrations
APPROVED

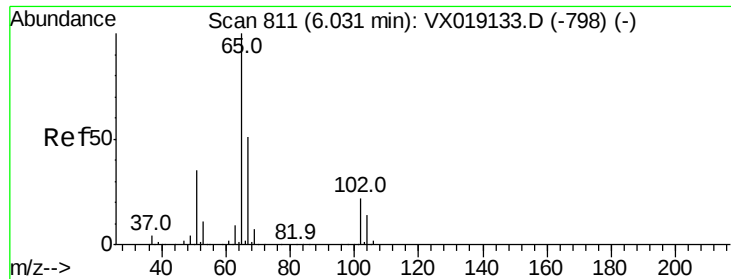
MMDadoda
11/5/2020 7:02:30 PM



#32
1,1,1-Trichloroethane
Concen: 54.446 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.7	77.5
61	44.1	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 50.549 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 162957

Ion Ratio Lower Upper

65 100

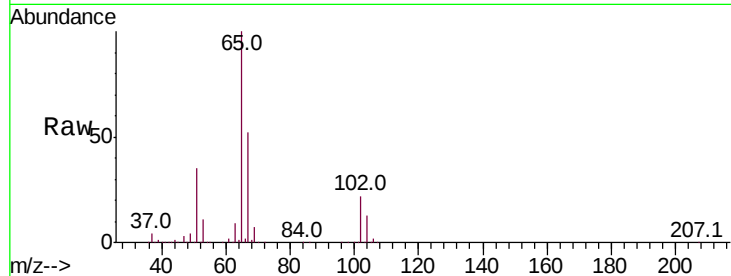
67 51.9 0.0 103.0

Manual Integrations

APPROVED

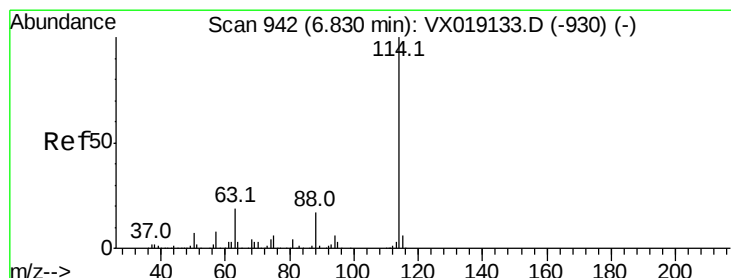
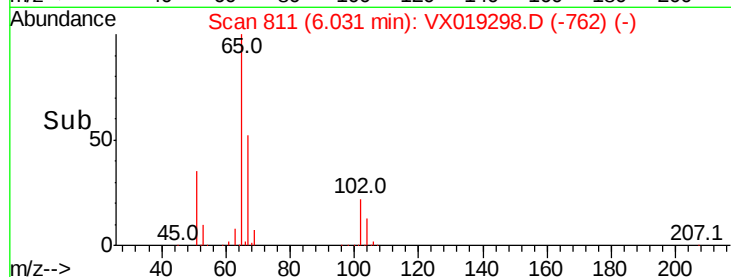
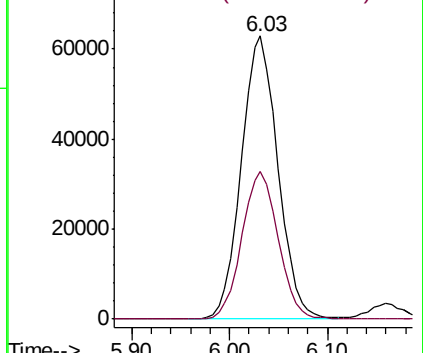
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

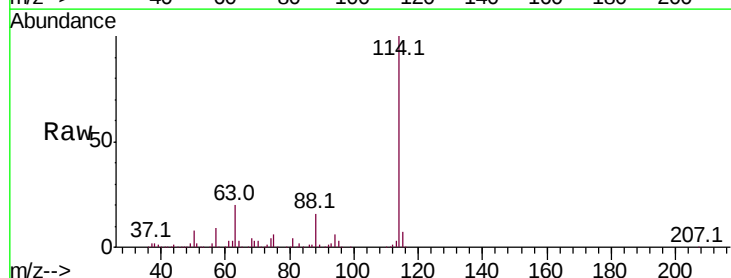
Tgt Ion: 114 Resp: 429435

Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.8

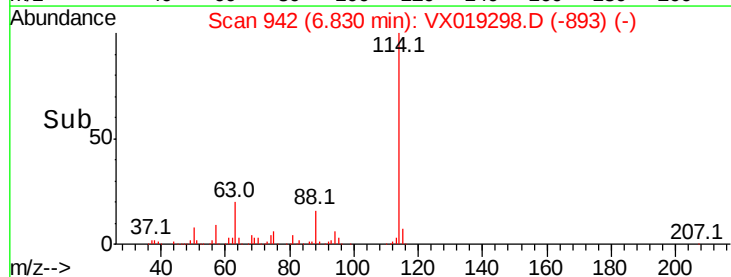
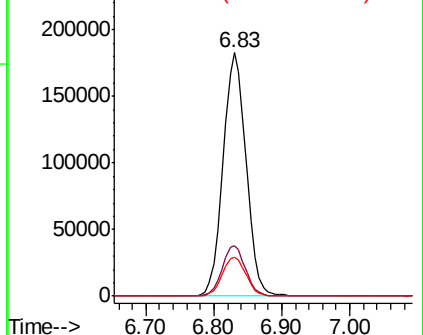
88 15.7 0.0 34.2

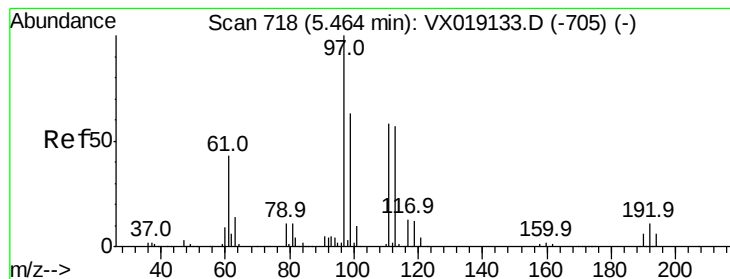


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.323 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

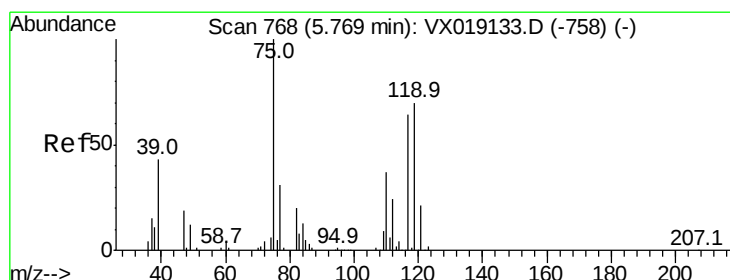
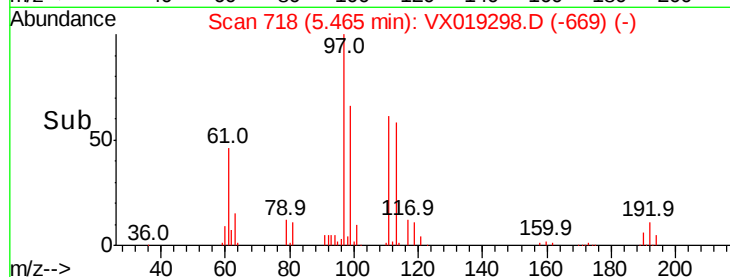
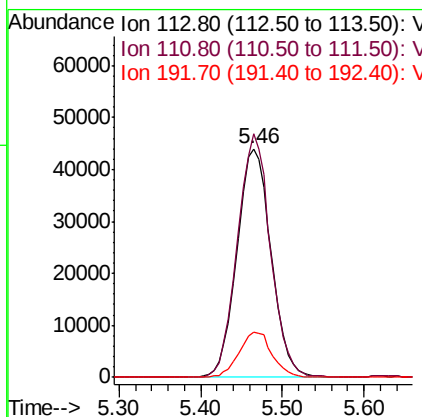
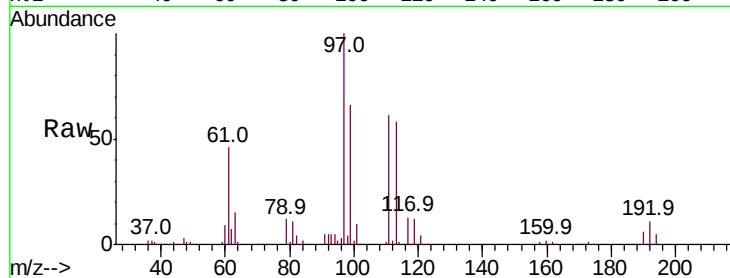
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	127650
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.3	123.5
192	19.3	16.2	24.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.844 ug/l

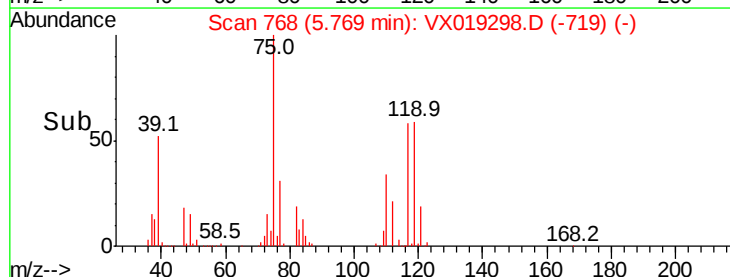
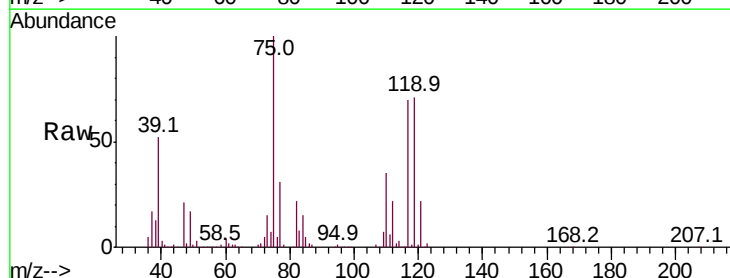
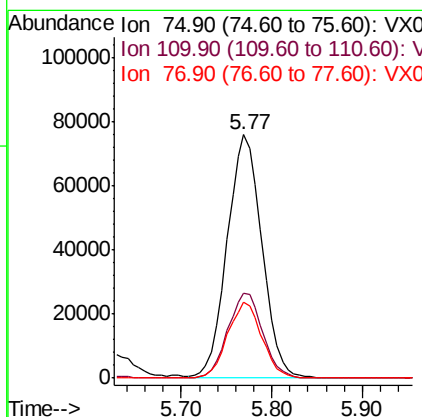
RT: 5.77 min Scan# 768

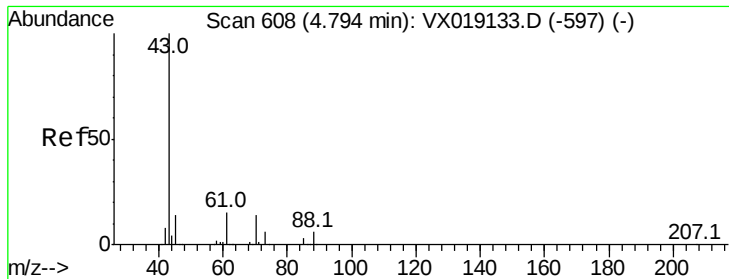
Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Tgt Ion:	75	Resp:	201621
Ion Ratio	Lower	Upper	
75	100		
110	35.0	18.3	54.9
77	30.9	24.9	37.3





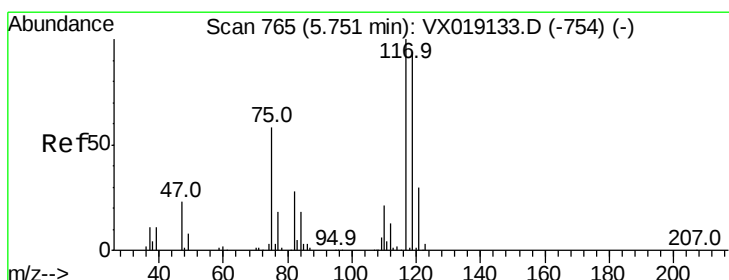
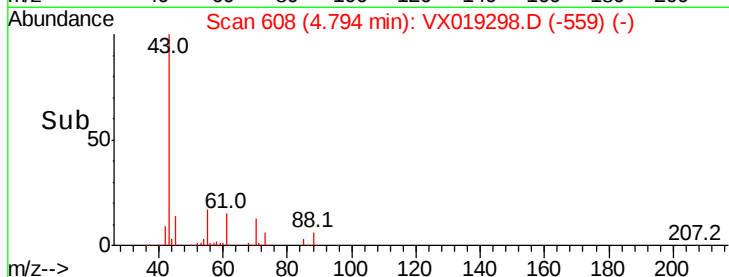
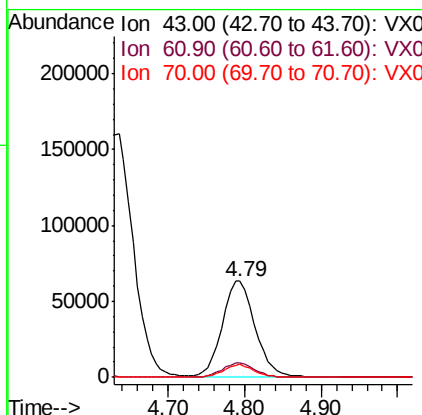
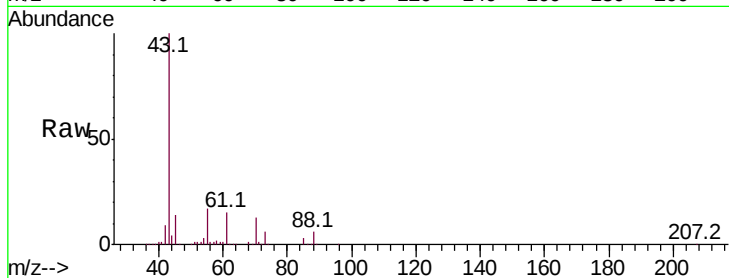
#37
Ethyl Acetate
Concen: 51.077 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.5	18.7
70	12.6	10.5	15.7

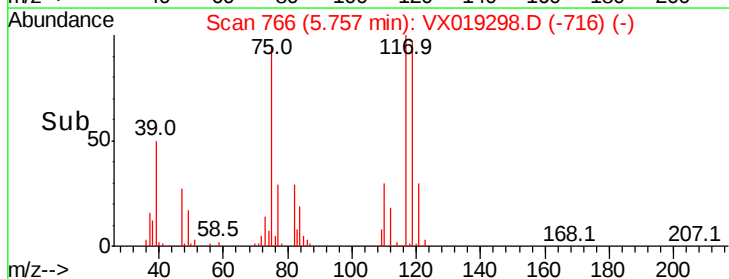
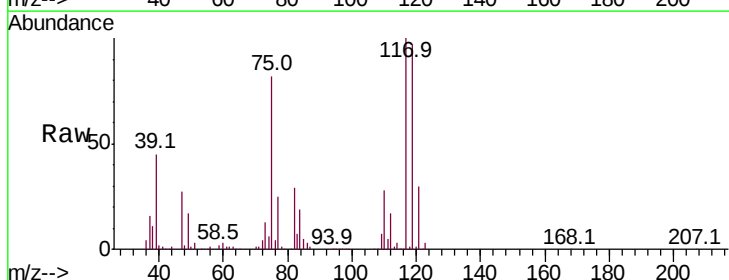
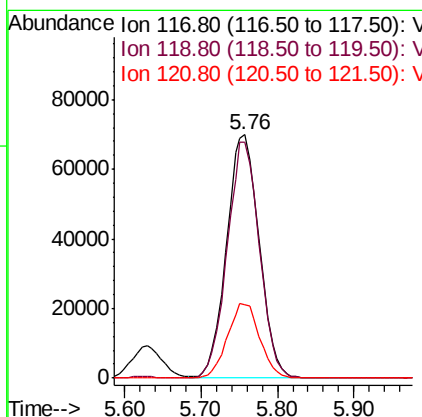
Manual Integrations
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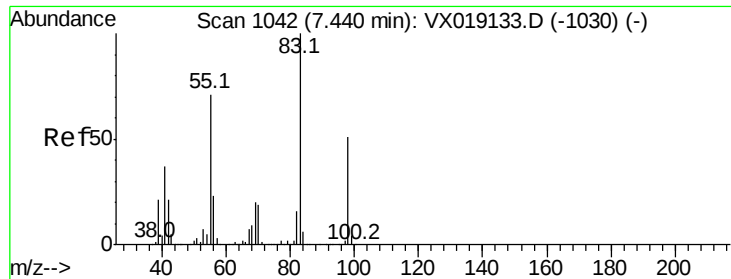
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#38
Carbon Tetrachloride
Concen: 51.121 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.0	112.6
121	30.1	23.9	35.9





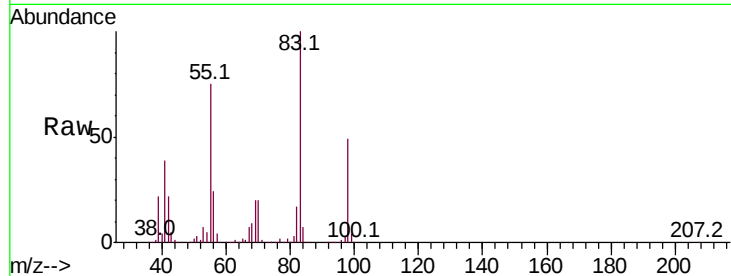
#39
Methylcyclohexane
Concen: 49.311 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

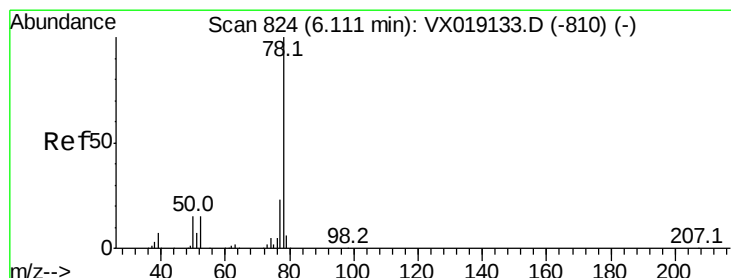
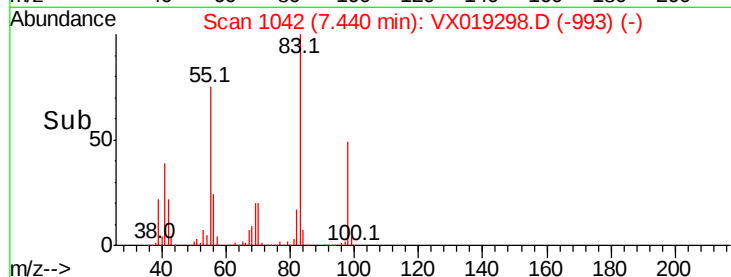
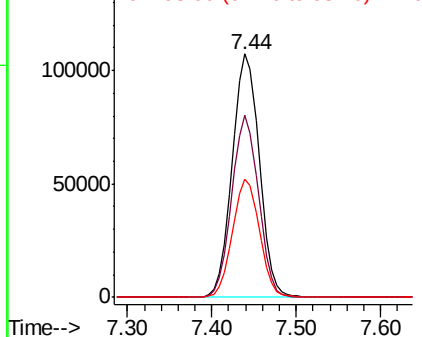
Tgt Ion	Ratio	Resp	Lower	Upper
83	100	233813		
55	74.7	57.0	85.6	
98	48.7	40.5	60.7	

Manual Integrations
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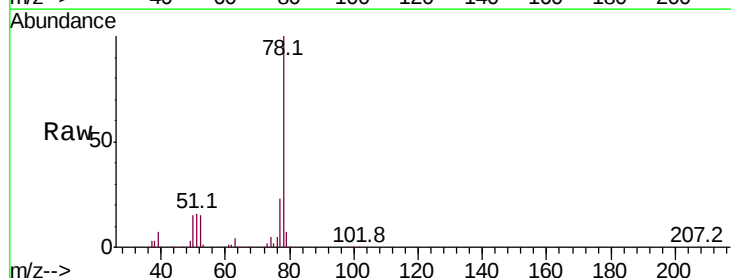


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

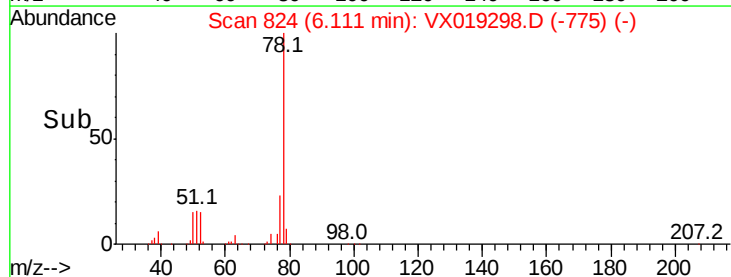
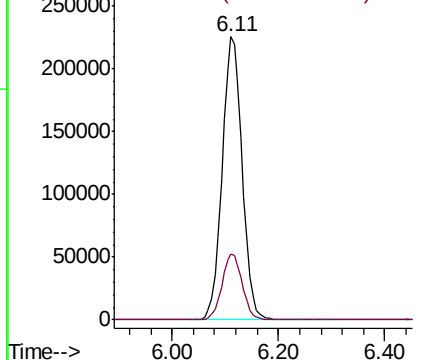


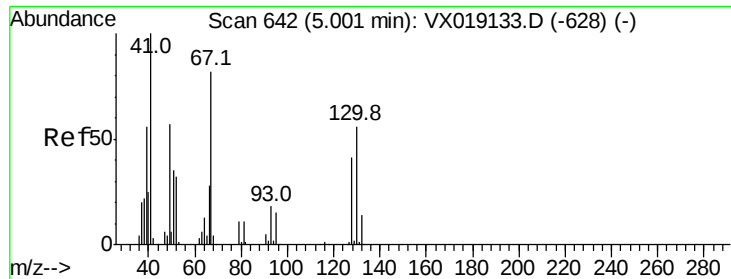
#40
Benzene
Concen: 52.706 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	592597		
77	23.4	18.7	28.1	



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





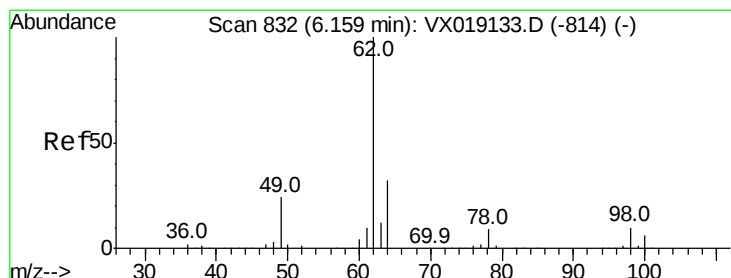
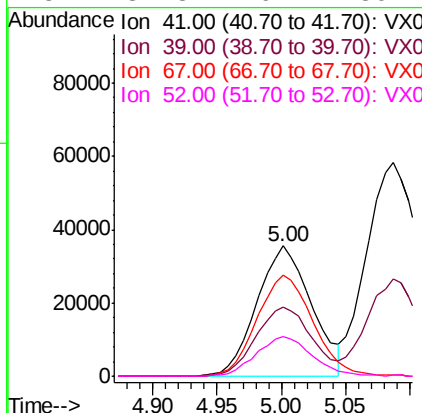
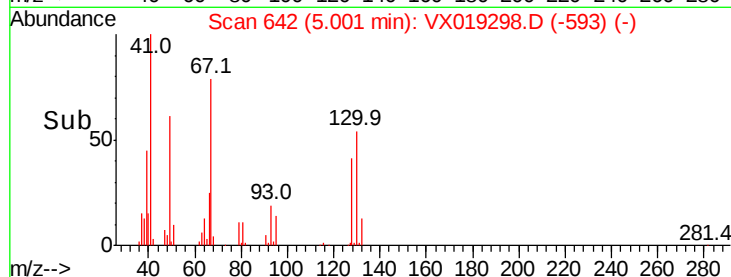
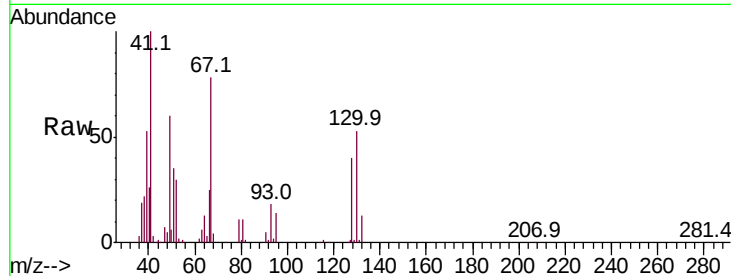
#41
Methacrylonitrile
Concen: 52.513 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.5	44.4	66.6
67	80.1	66.4	99.6
52	31.3	26.2	39.4

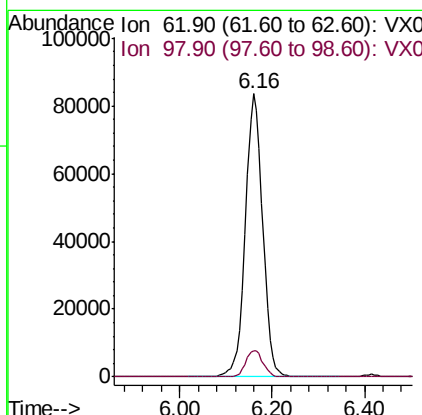
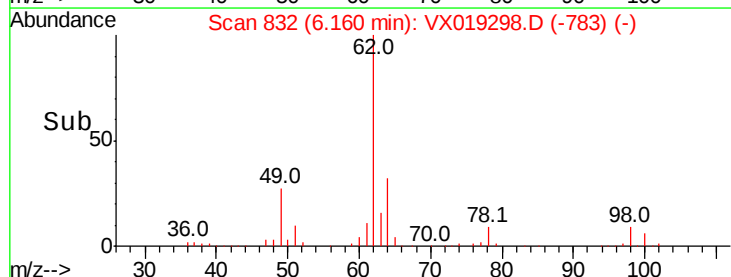
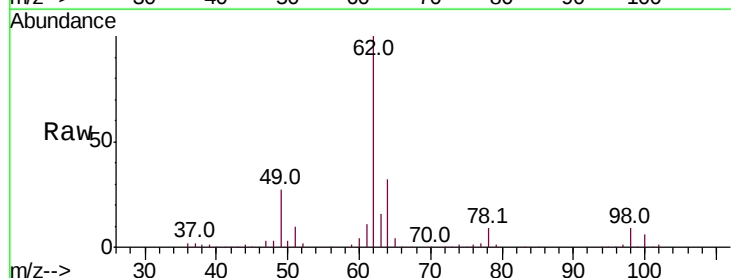
Manual Integrations
APPROVED

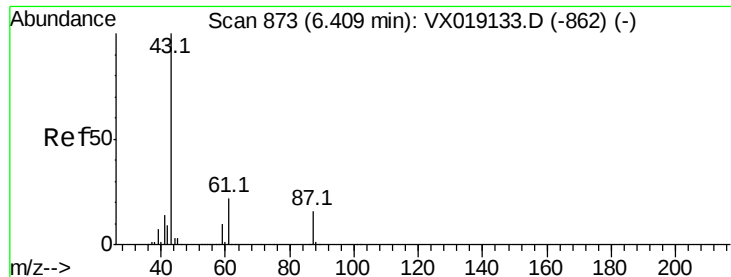
MMDadoda
11/5/2020 7:02:30 PM



#42
1,2-Dichloroethane
Concen: 52.704 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0





#43

Isopropyl Acetate

Concen: 51.529 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

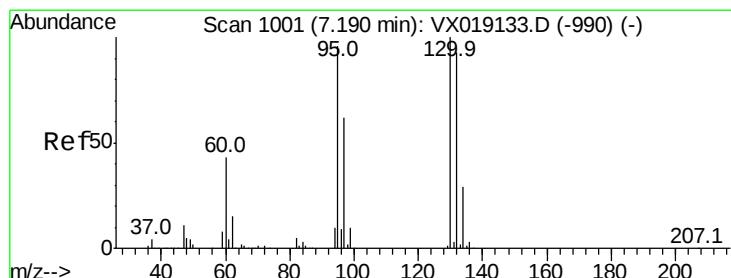
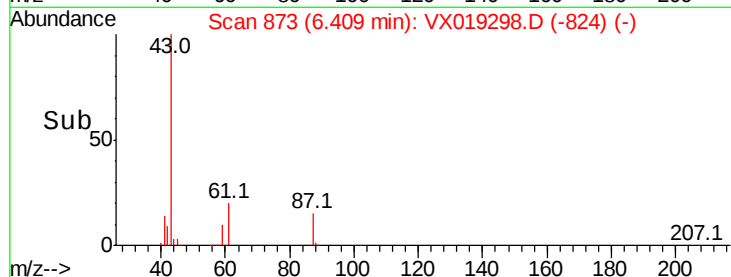
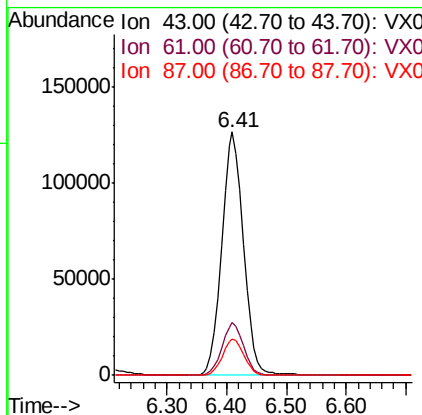
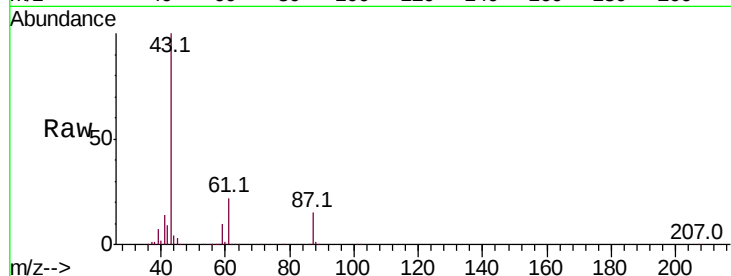
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	317675
Ion Ratio	Lower	Upper	
43	100		
61	21.7	17.8	26.6
87	15.0	12.6	19.0

Manual Integrations
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#44

Trichloroethene

Concen: 49.229 ug/l

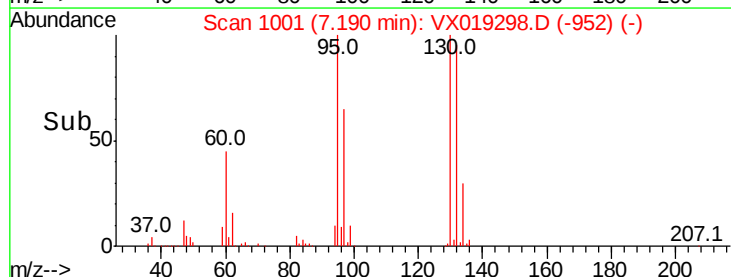
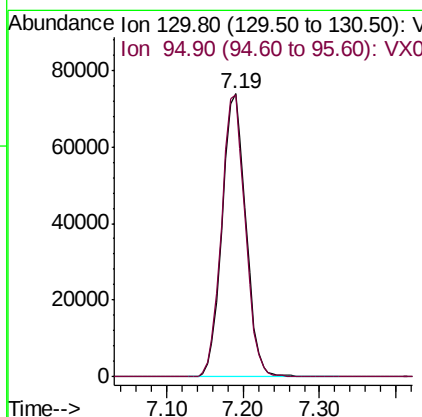
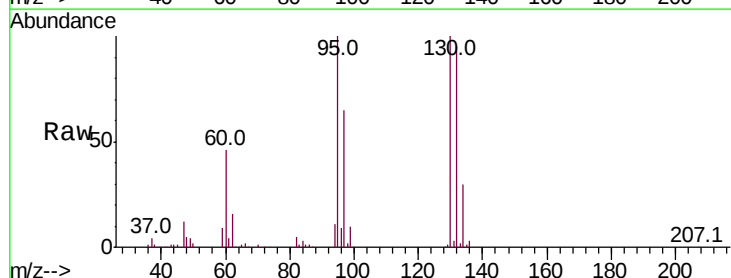
RT: 7.19 min Scan# 1001

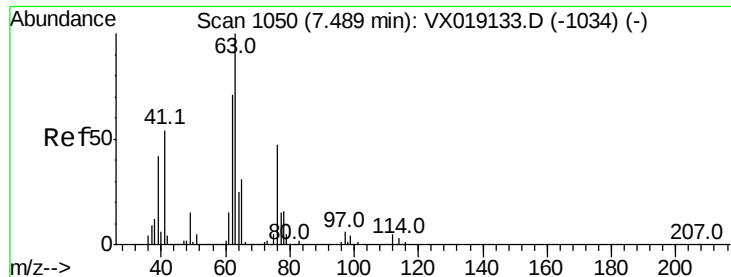
Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Tgt Ion:	130	Resp:	158519
Ion Ratio	Lower	Upper	
130	100		
95	99.9	0.0	192.0





#45

1,2-Dichloropropane

Concen: 54.671 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 150559

Ion Ratio Lower Upper

63 100

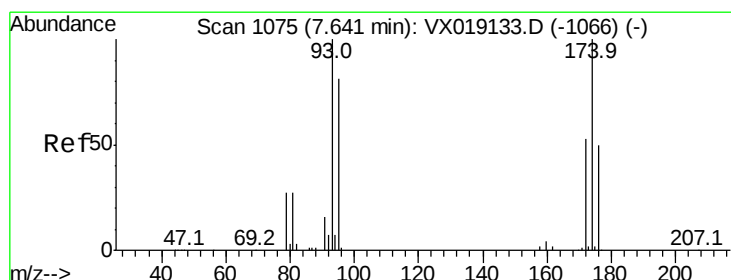
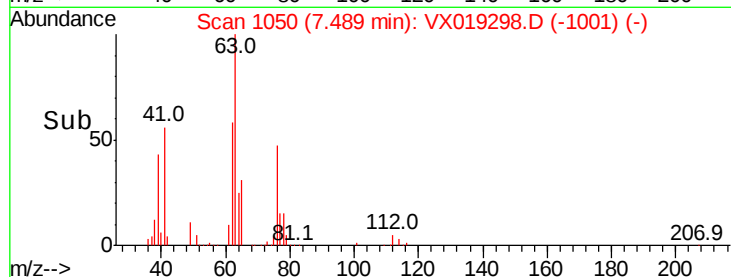
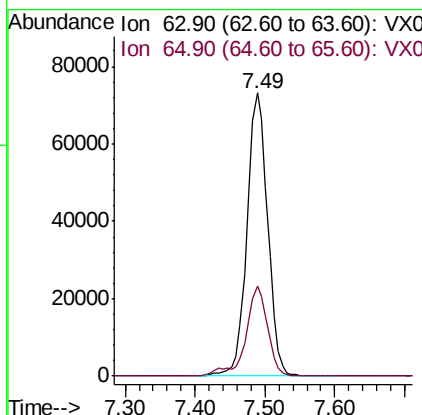
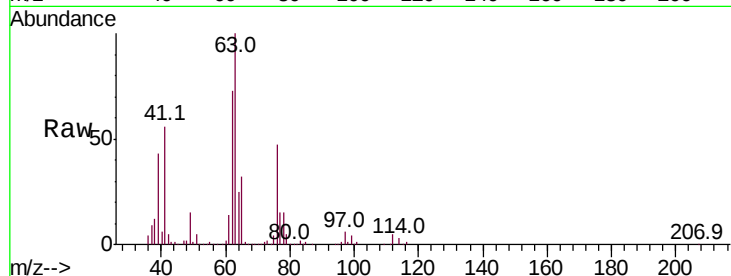
65 31.8 25.2 37.8

Manual Integrations

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#46

Dibromomethane

Concen: 51.175 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

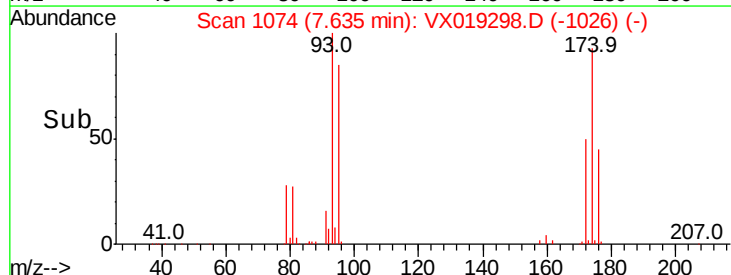
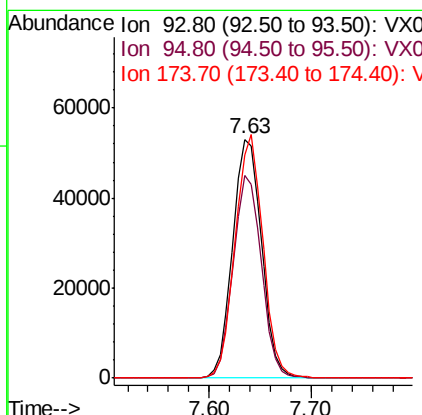
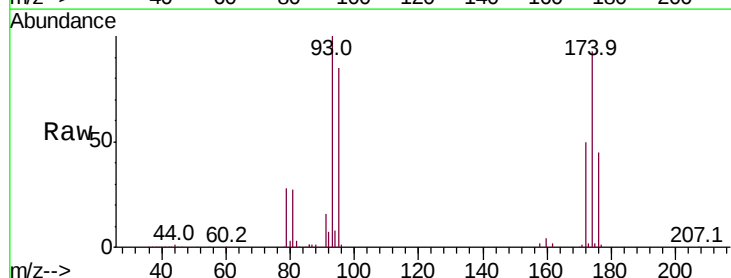
Tgt Ion: 93 Resp: 104215

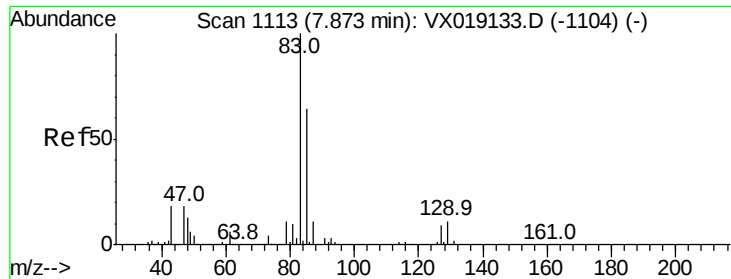
Ion Ratio Lower Upper

93 100

95 82.9 67.0 100.6

174 97.7 81.7 122.5





#47

Bromodichloromethane

Concen: 53.183 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

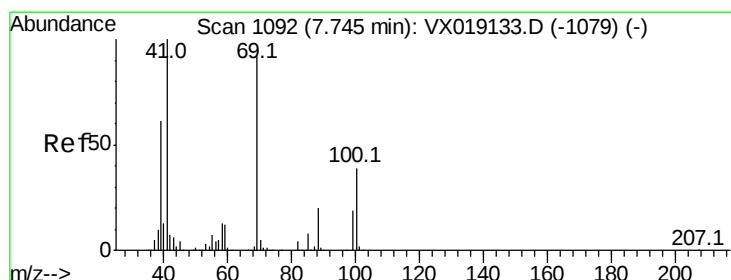
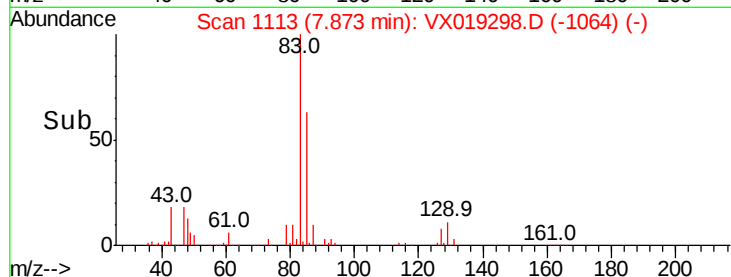
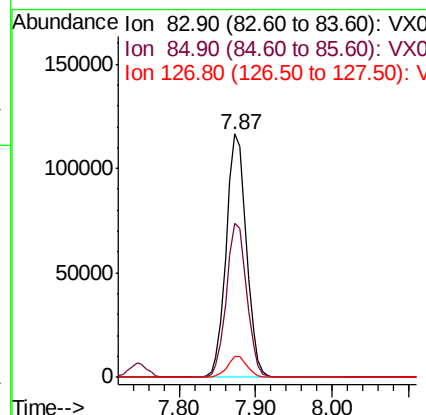
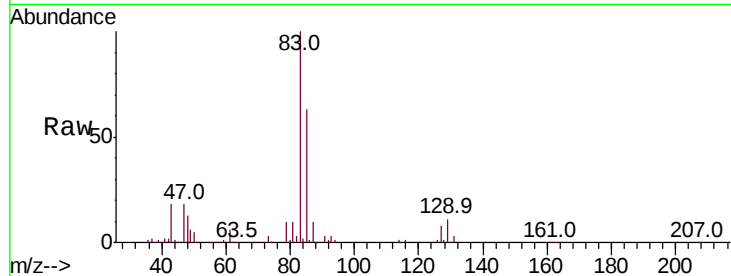
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	213470
Ion Ratio	Lower	Upper	
83	100		
85	63.3	51.2	76.8
127	8.4	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.864 ug/l

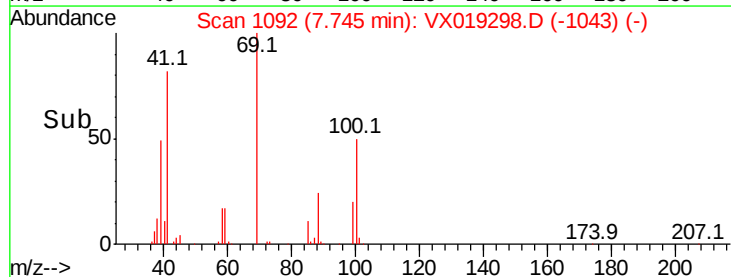
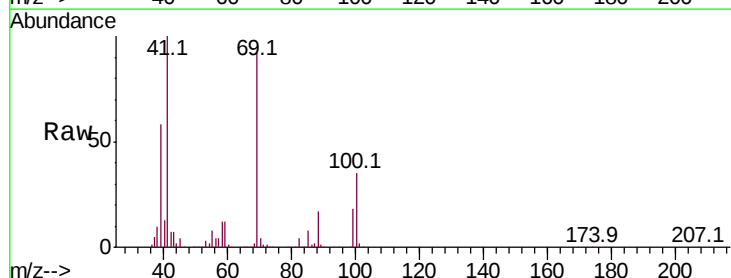
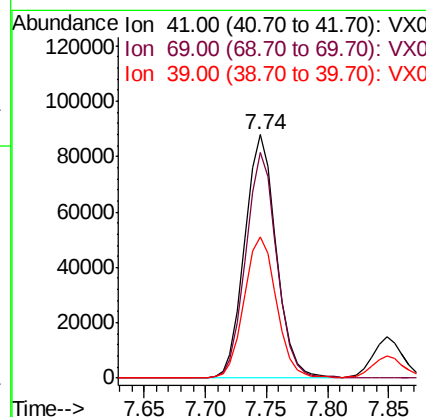
RT: 7.74 min Scan# 1092

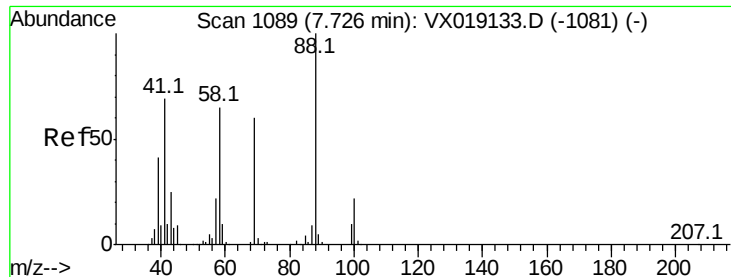
Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Tgt Ion:	41	Resp:	156862
Ion Ratio	Lower	Upper	
41	100		
69	91.8	75.5	113.3
39	59.5	48.9	73.3





#49

1,4-Dioxane

Concen: 919.409 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

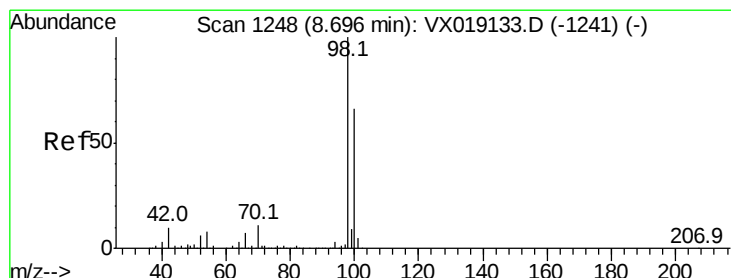
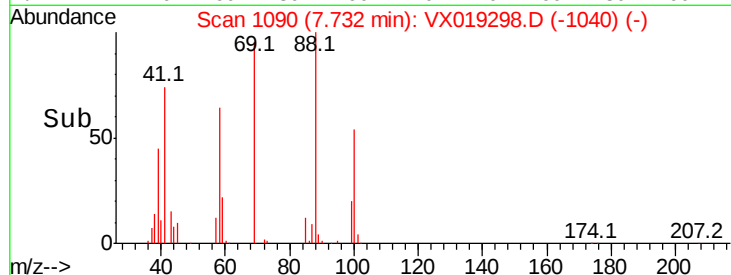
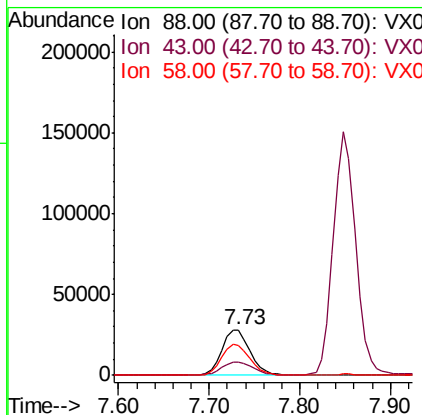
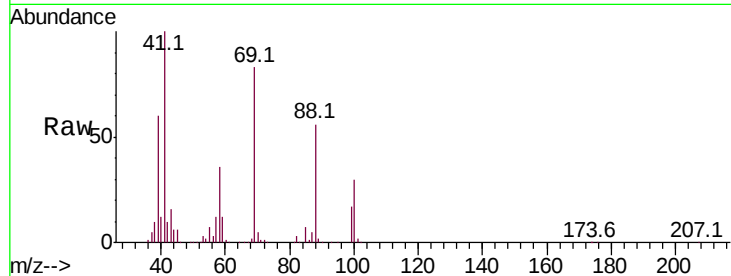
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	88	Resp:	60671
Ion	Ratio	Lower	Upper
88	100		
43	31.7	23.0	34.6
58	68.0	52.2	78.2

Manual Integrations
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#50

Toluene-d8

Concen: 48.234 ug/l

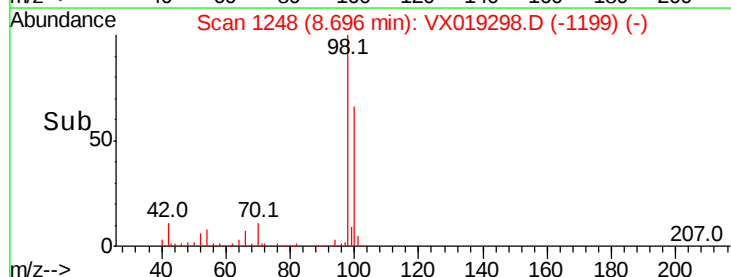
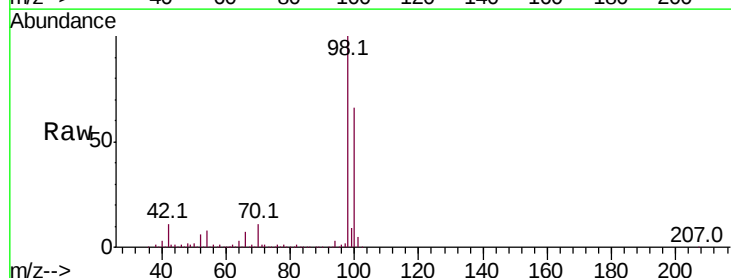
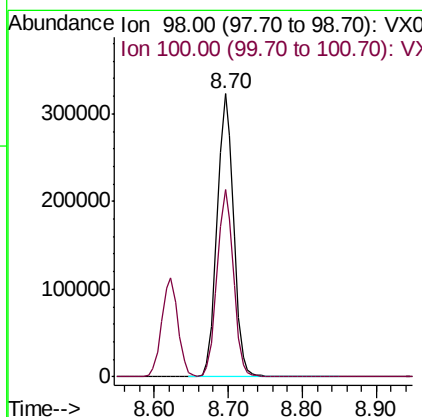
RT: 8.70 min Scan# 1248

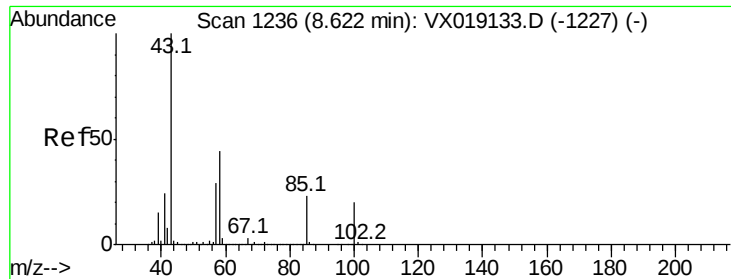
Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Tgt Ion:	98	Resp:	490462
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.6





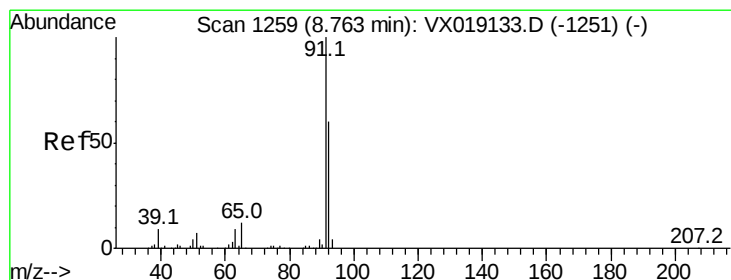
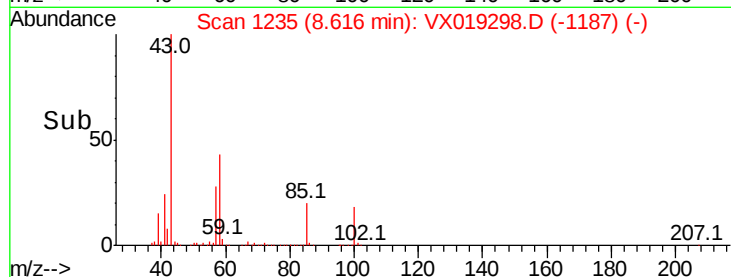
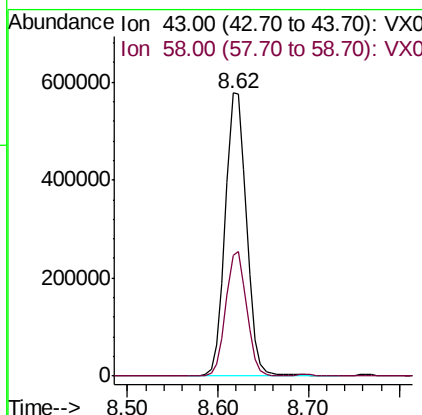
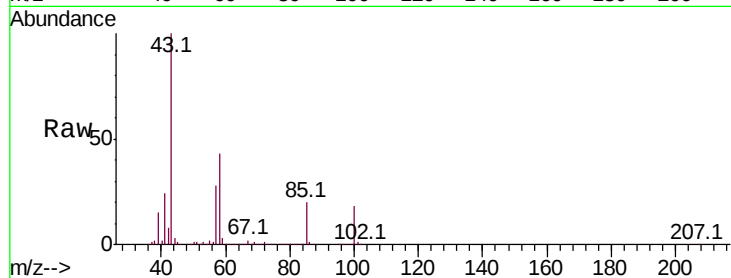
#51
4-Methyl-2-Pentanone
Concen: 267.216 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 946840
Ion Ratio Lower Upper
43 100
58 43.0 35.0 52.4

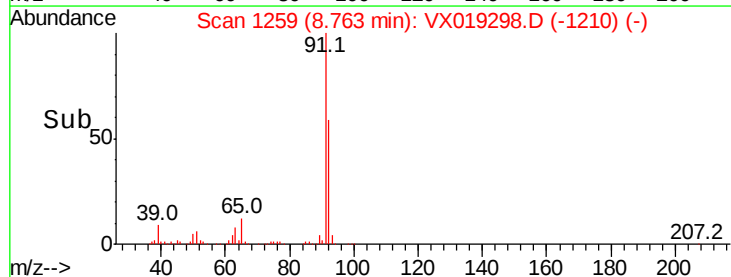
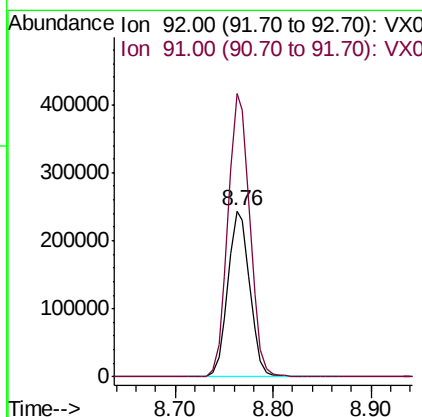
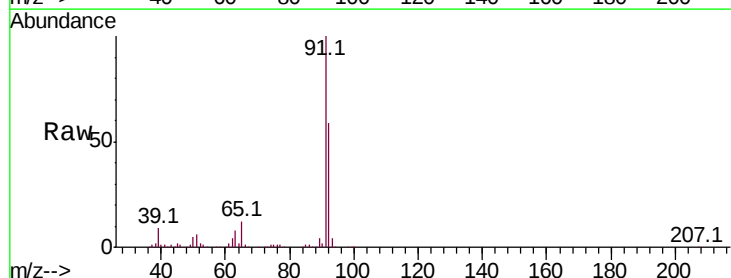
Manual Integrations
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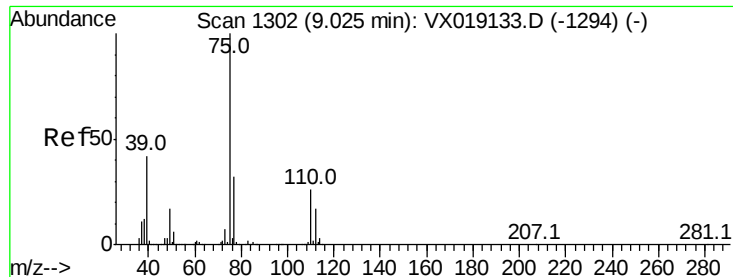
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#52
Toluene
Concen: 52.252 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion: 92 Resp: 378386
Ion Ratio Lower Upper
92 100
91 171.0 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 49.625 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

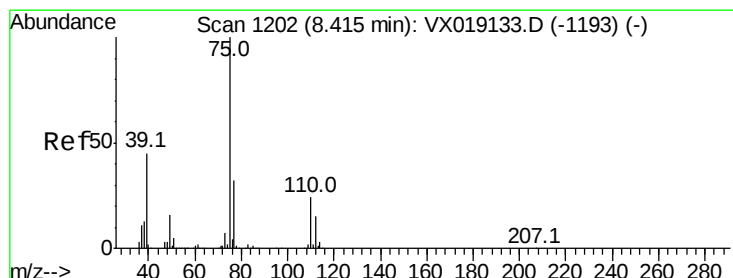
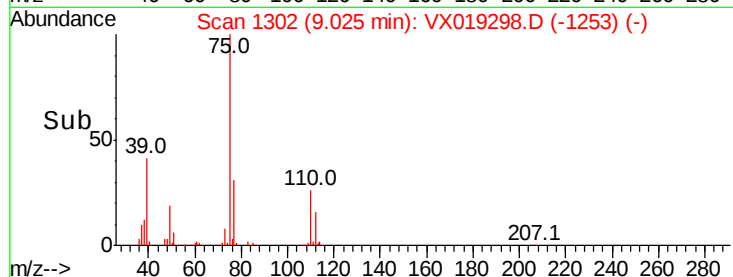
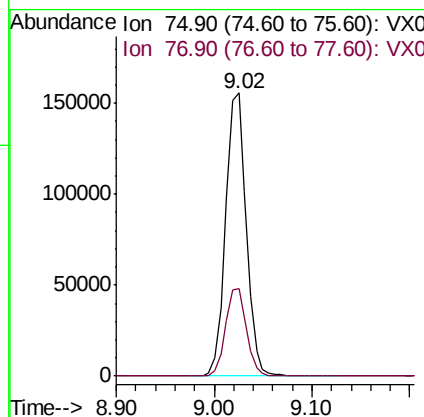
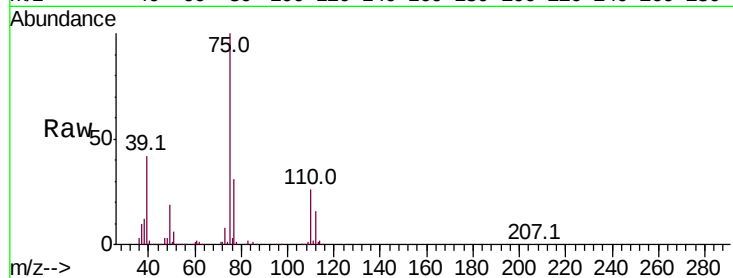
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 227511

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.4	38.0

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 50.979 ug/l

RT: 8.42 min Scan# 1202

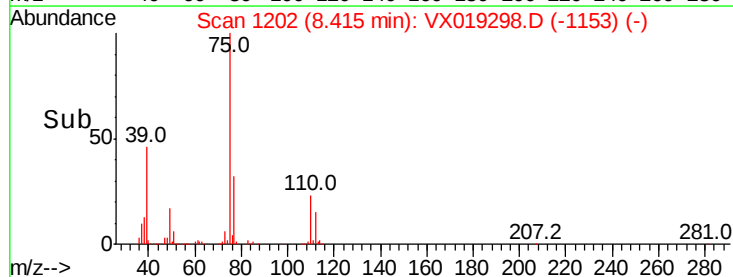
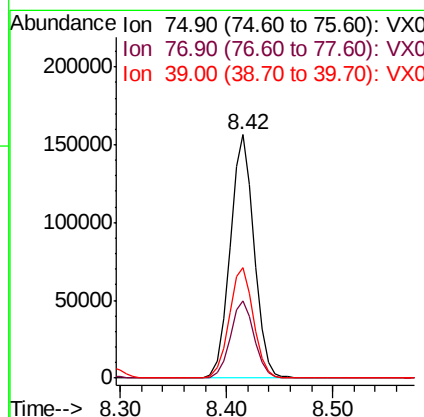
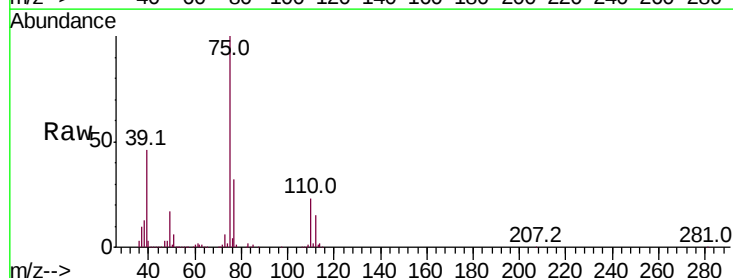
Delta R.T. 0.00 min

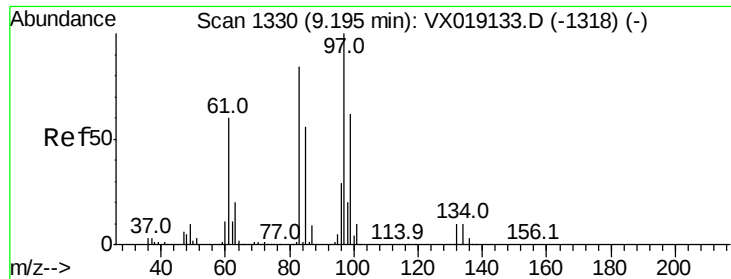
Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Tgt Ion: 75 Resp: 245769

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.5	38.3
39	45.5	36.2	54.2





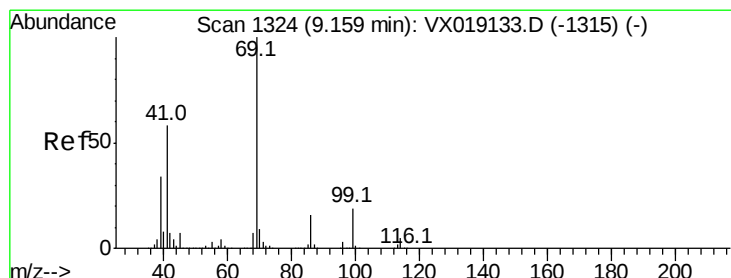
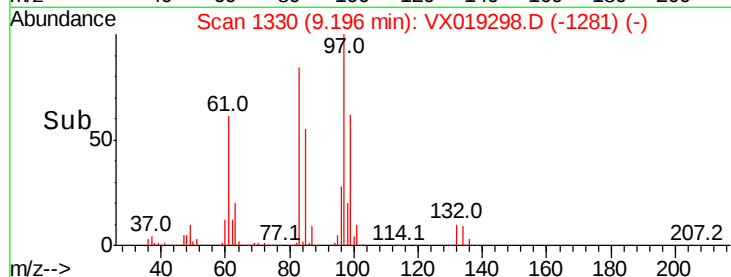
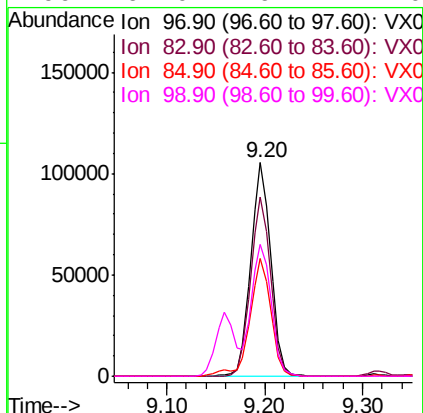
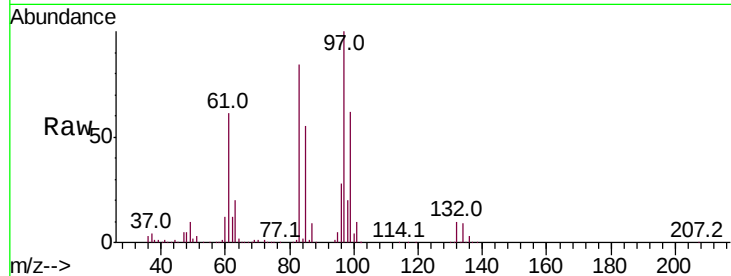
#55
 1,1,2-Trichloroethane
 Concen: 52.423 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	149992		
83	83.7	67.2	100.8	
85	55.0	44.6	67.0	
99	62.0	49.4	74.0	

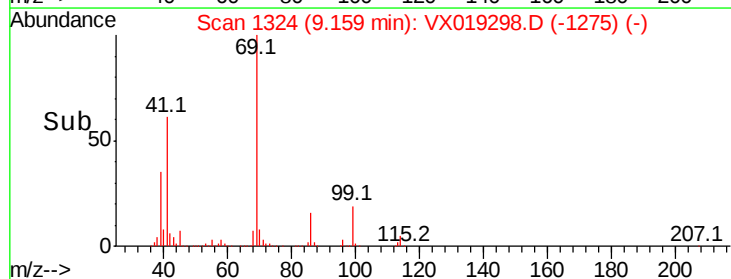
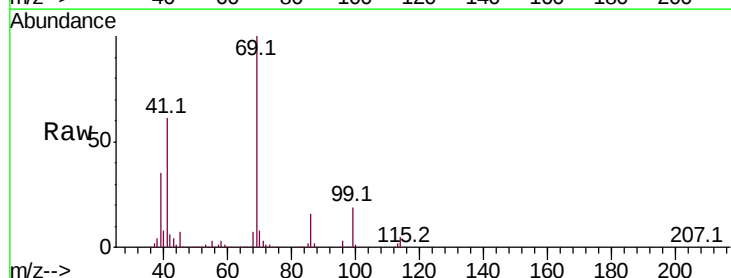
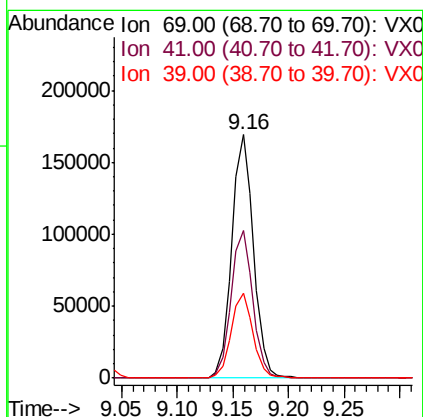
Manual Integrations
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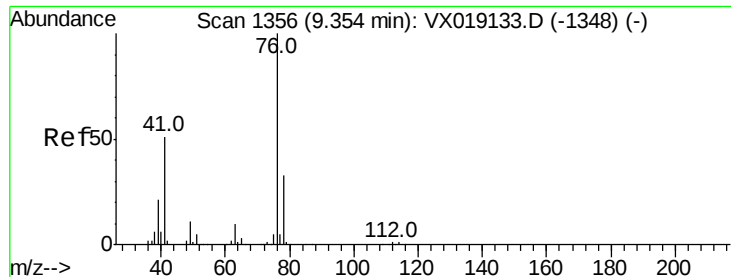
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#56
 Ethyl methacrylate
 Concen: 52.928 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	228741		
41	60.6	46.5	69.7	
39	35.0	27.6	41.4	





#57

1,3-Dichloropropane

Concen: 52.219 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 251903

Ion Ratio Lower Upper

76 100

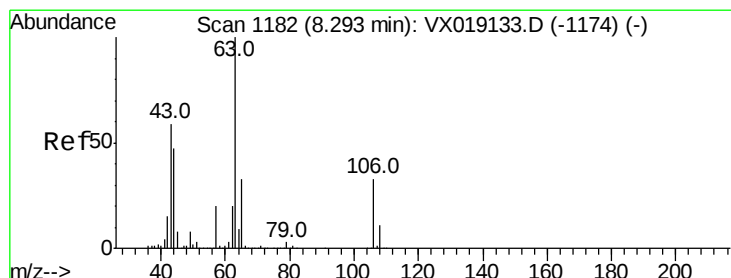
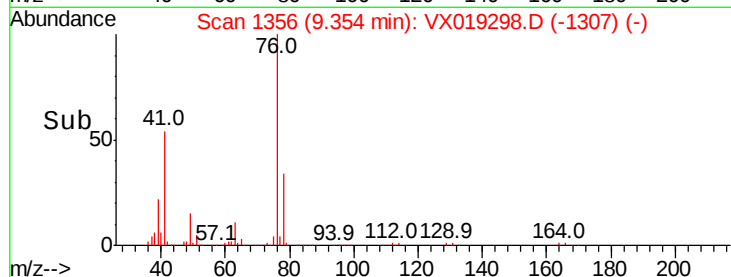
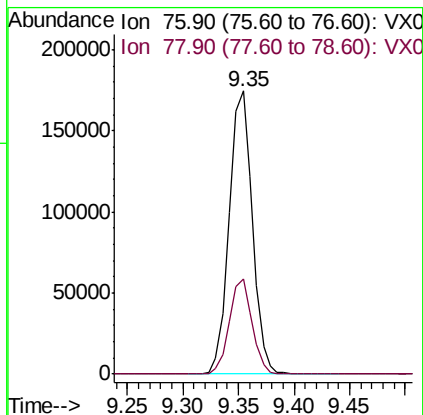
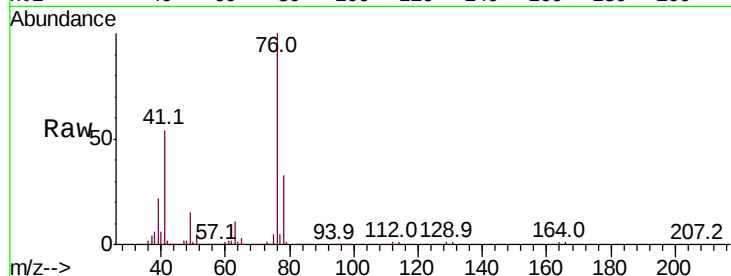
78 32.9 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 251.606 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX019298.D

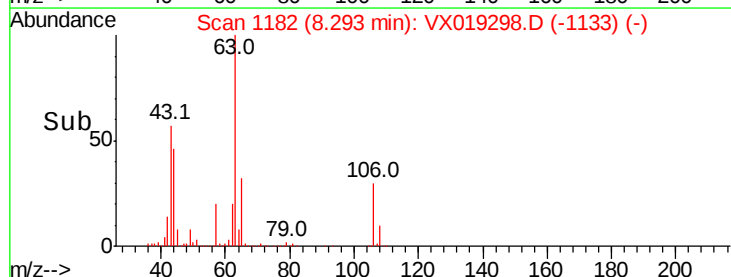
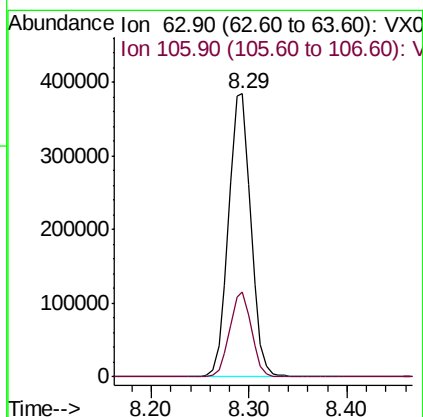
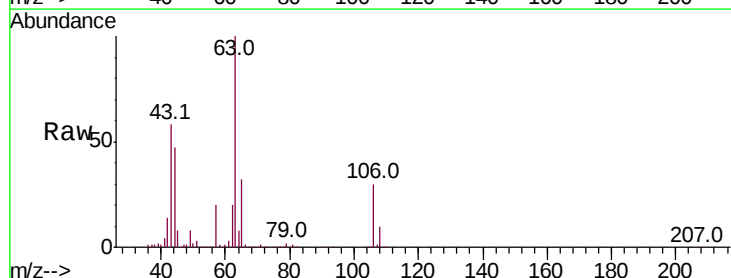
Acq: 05 Nov 2020 02:24

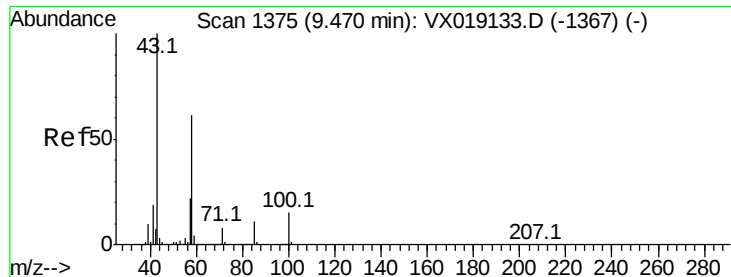
Tgt Ion: 63 Resp: 608126

Ion Ratio Lower Upper

63 100

106 29.4 25.1 37.7





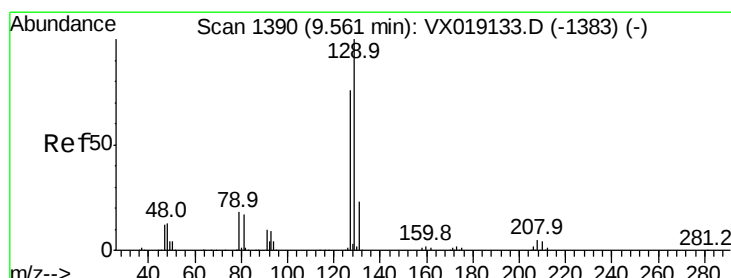
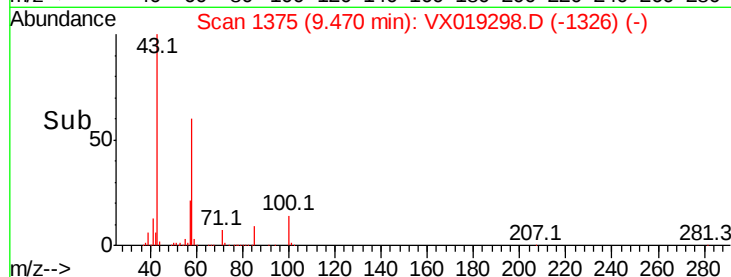
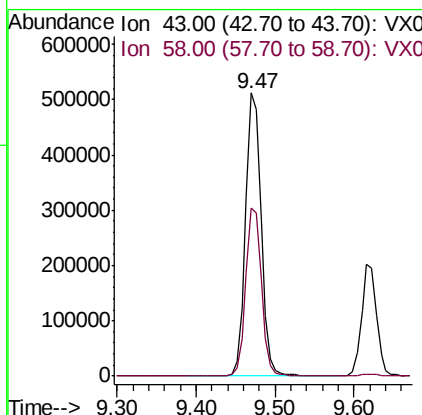
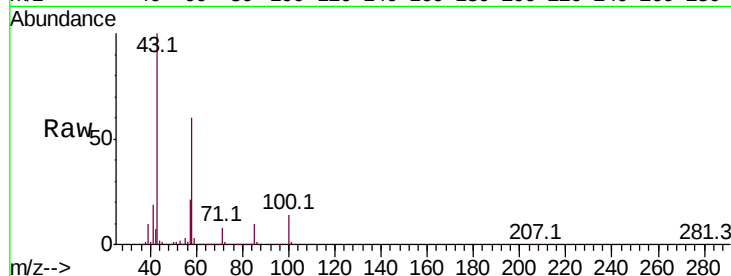
#59
2-Hexanone
Concen: 260.733 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 703258
Ion Ratio Lower Upper
43 100
58 60.0 30.5 91.5

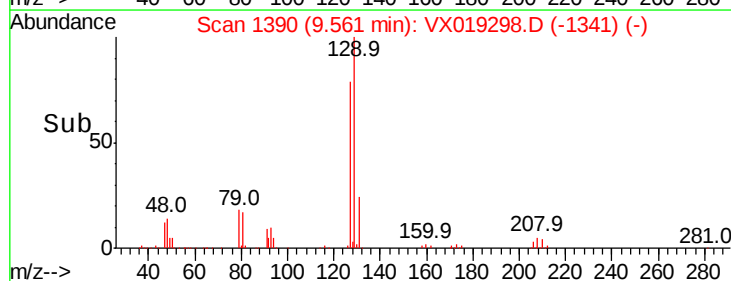
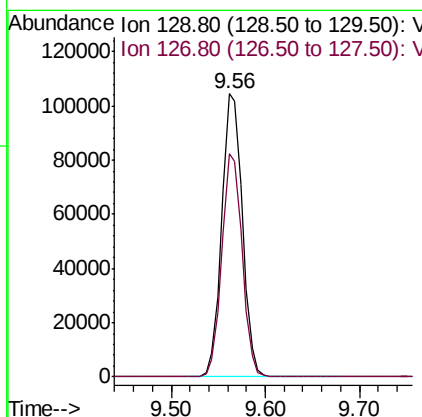
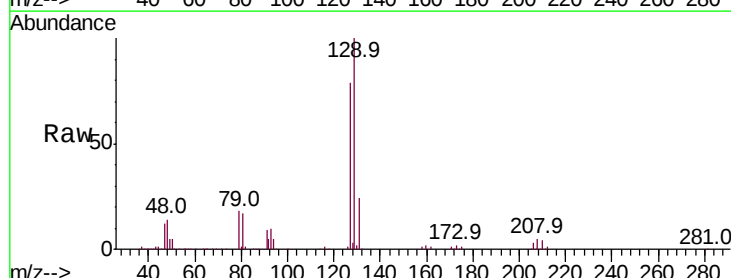
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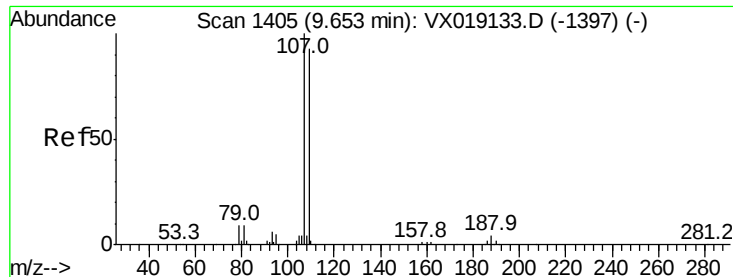
MMDadoda
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#60
Dibromochloromethane
Concen: 51.054 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion: 129 Resp: 158529
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 50.964 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 155933

Ion Ratio Lower Upper

107 100

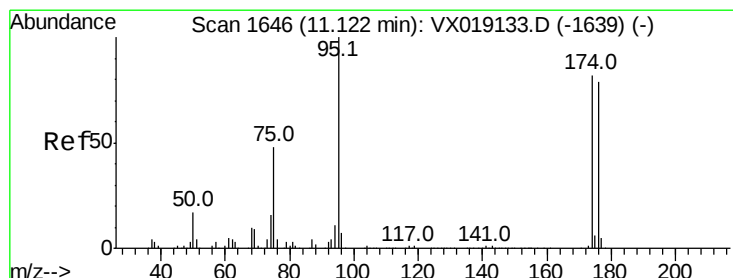
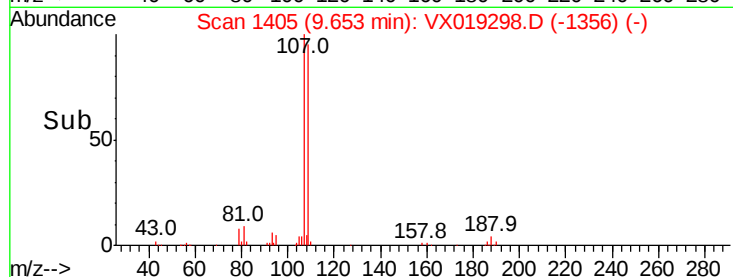
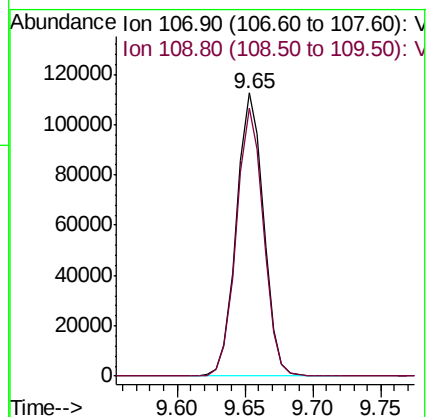
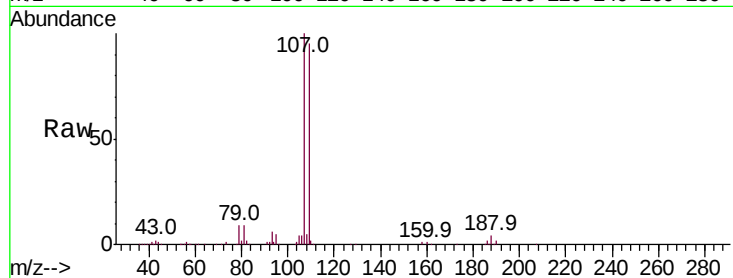
109 95.2 75.9 113.9

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#62

4-Bromofluorobenzene

Concen: 48.085 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

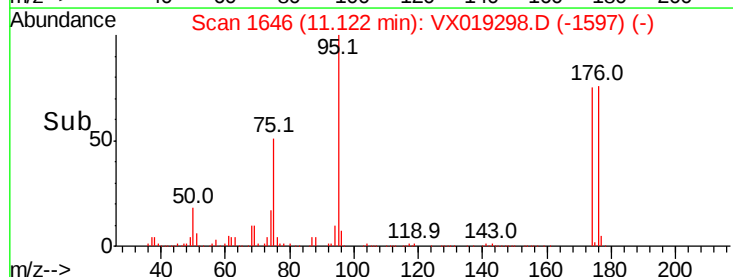
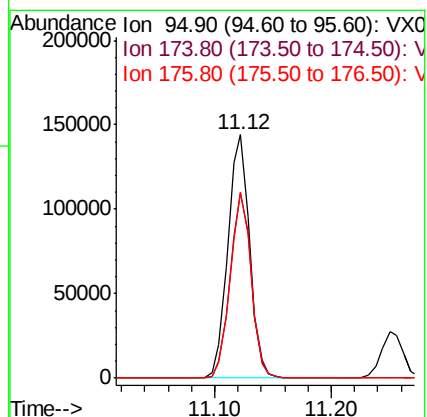
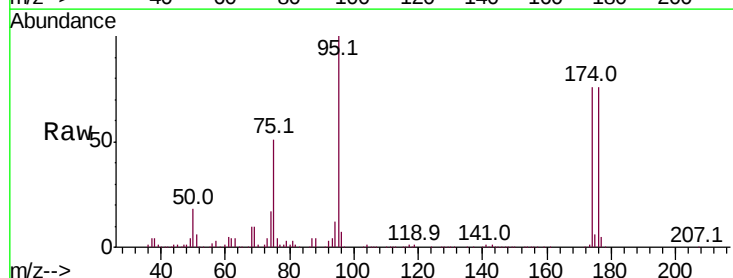
Tgt Ion: 95 Resp: 185167

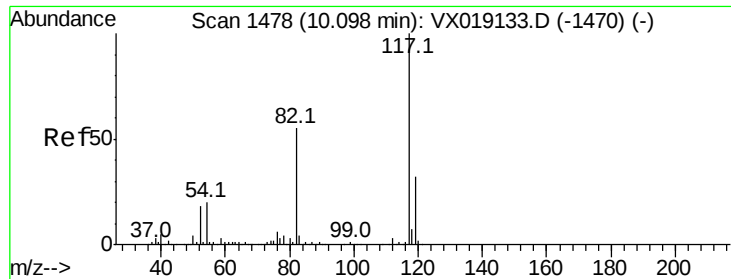
Ion Ratio Lower Upper

95 100

174 75.1 0.0 156.0

176 73.8 0.0 149.8





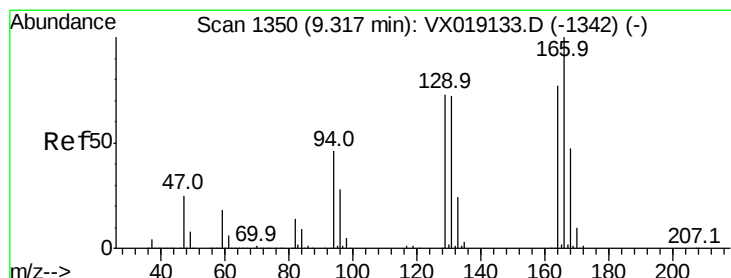
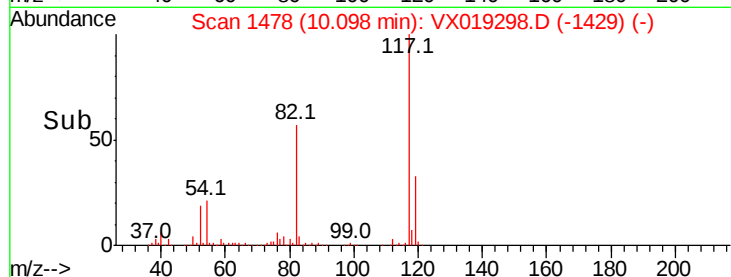
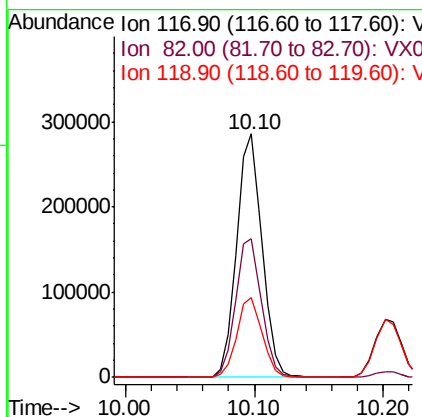
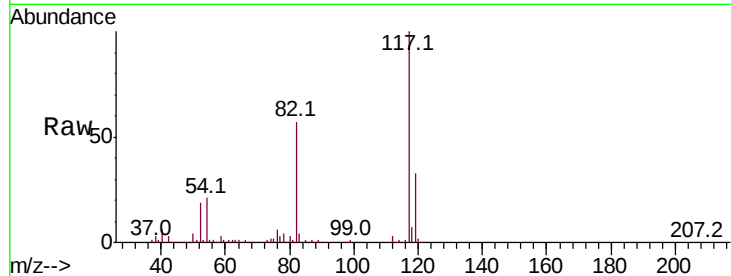
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	390304		
82	57.0	43.6	65.4	
119	32.6	25.5	38.3	

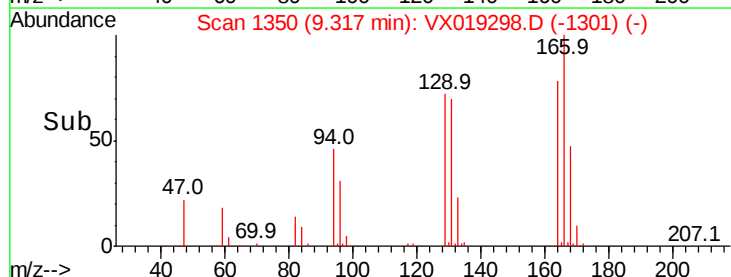
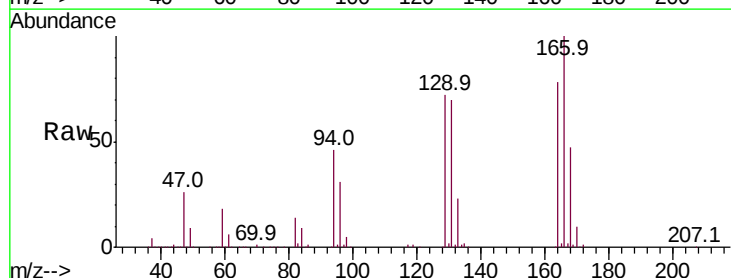
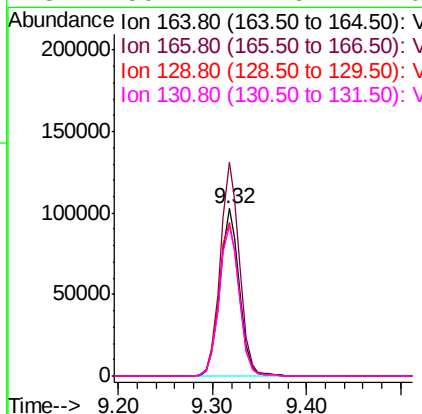
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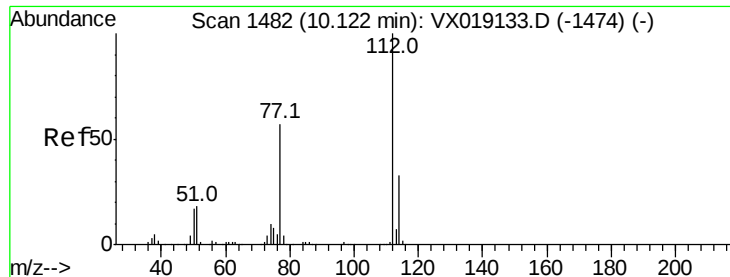
MMDadoda
11/5/2020 7:02:30 PM



#64
Tetrachloroethene
Concen: 49.012 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	145746		
166	127.7	104.1	156.1	
129	92.1	76.2	114.4	
131	89.2	74.6	112.0	





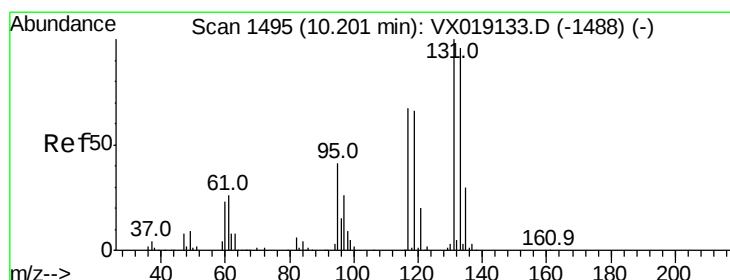
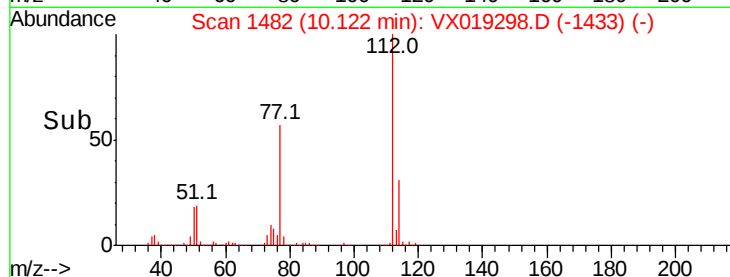
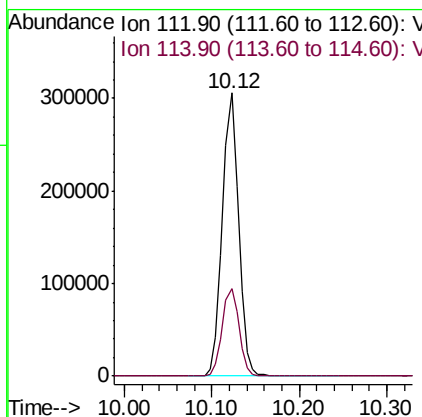
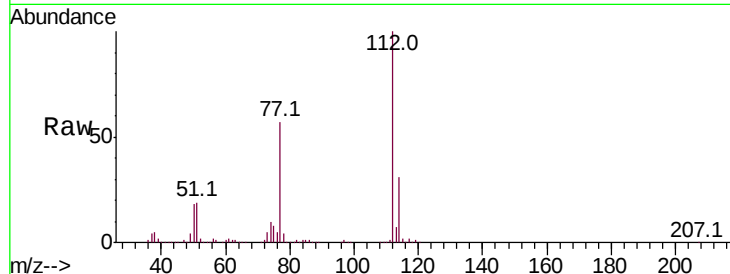
#65
Chlorobenzene
Concen: 49.284 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 393158
Ion Ratio Lower Upper
112 100
114 31.1 26.1 39.1

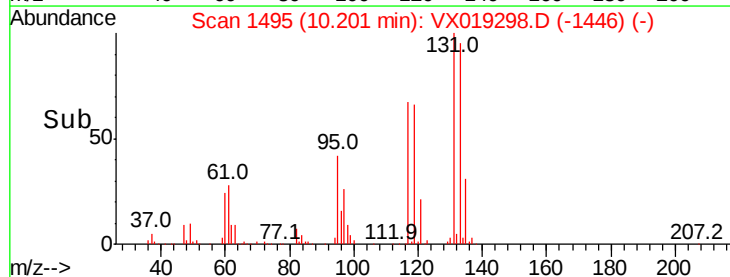
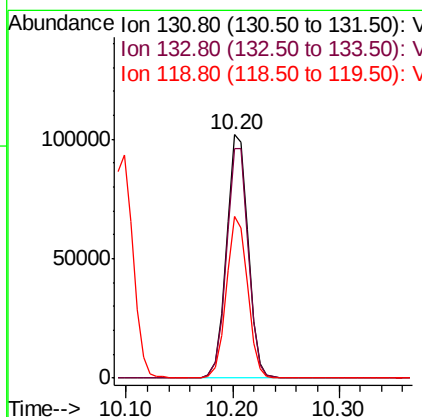
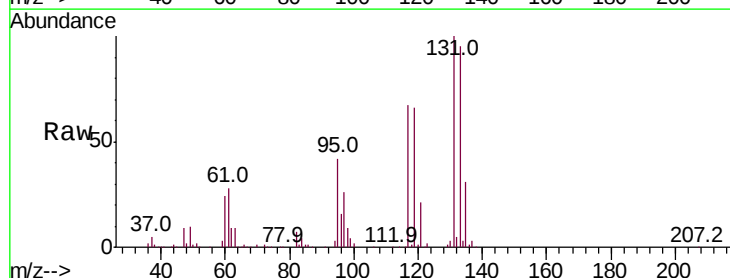
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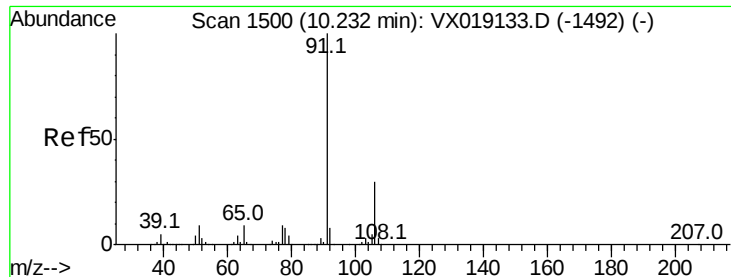
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.493 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion:131 Resp: 145012
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.8
119 65.3 32.3 96.9





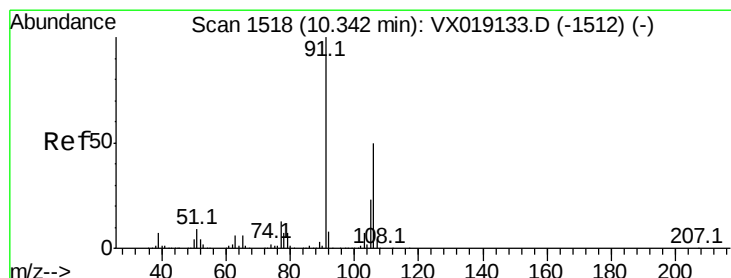
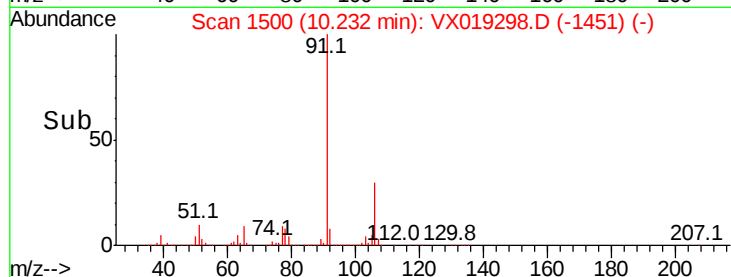
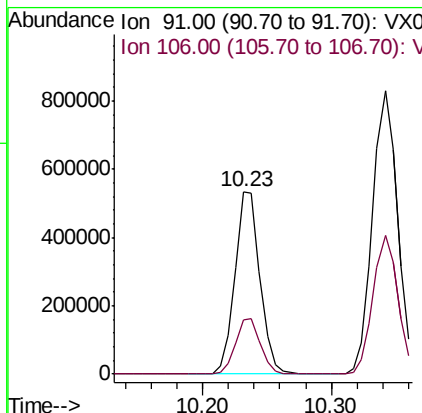
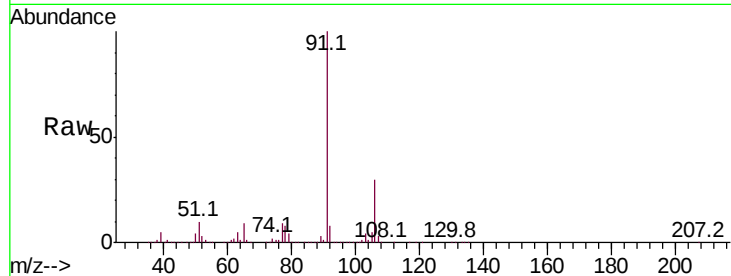
#67
Ethyl Benzene
Concen: 50.865 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 723048
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5

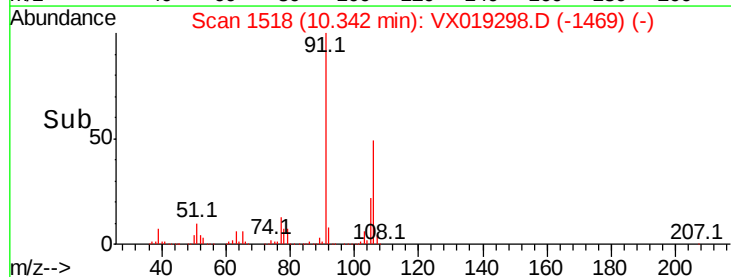
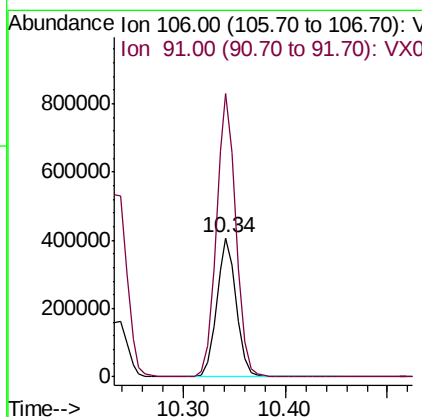
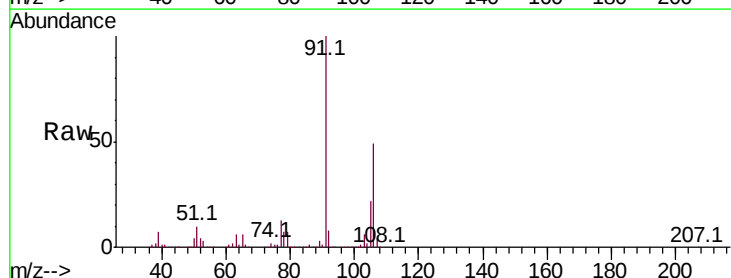
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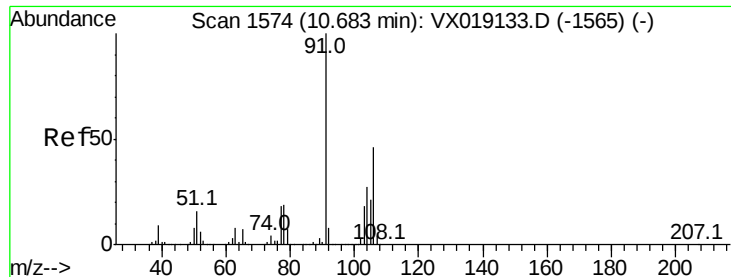
MMDadoda
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#68
m/p-Xylenes
Concen: 101.559 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion: 106 Resp: 541833
Ion Ratio Lower Upper
106 100
91 205.1 161.0 241.4





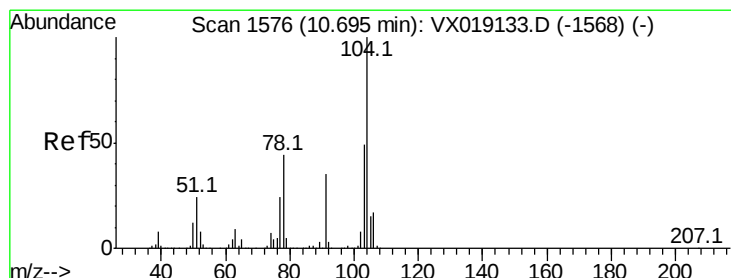
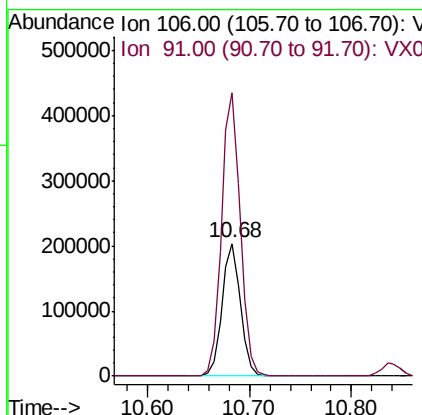
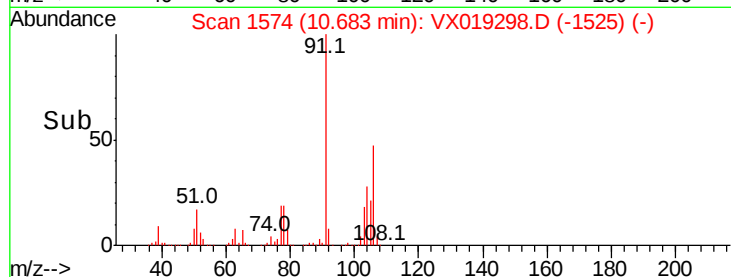
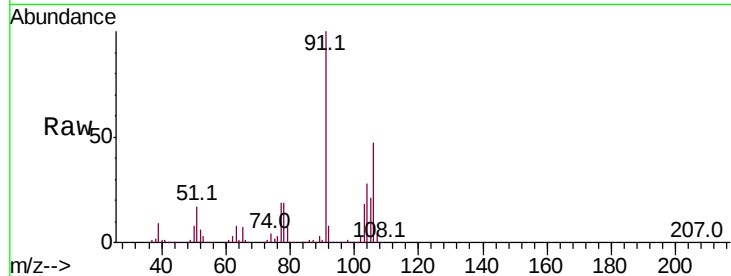
#69
o-Xylene
Concen: 50.741 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 256767
Ion Ratio Lower Upper
106 100
91 217.2 108.3 324.8

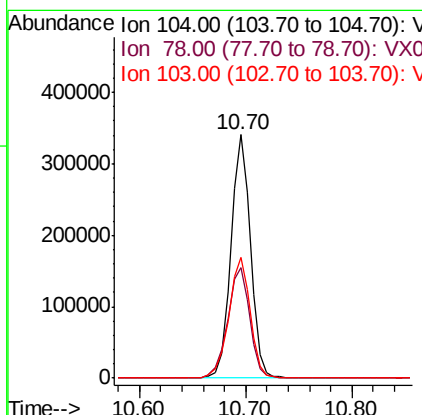
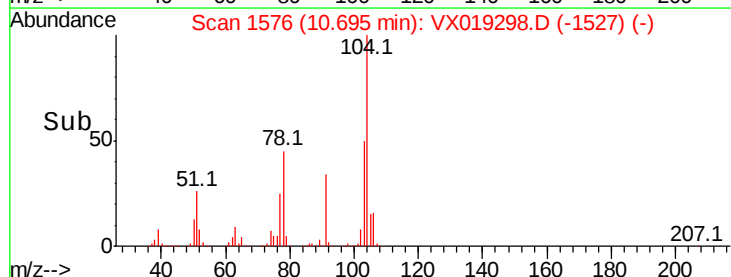
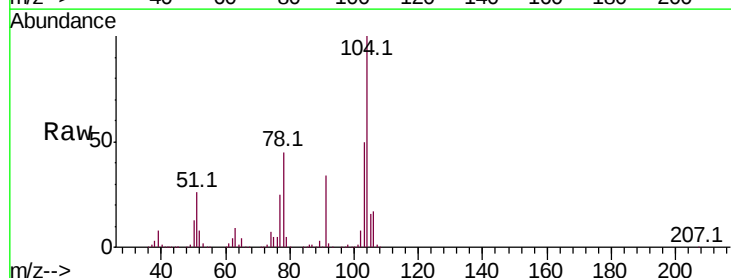
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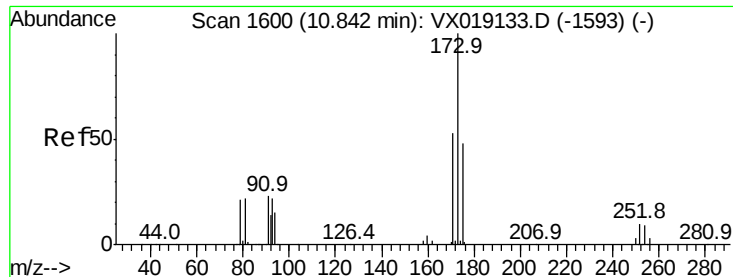
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#70
Styrene
Concen: 50.889 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion:104 Resp: 439389
Ion Ratio Lower Upper
104 100
78 51.2 40.0 60.0
103 54.3 43.5 65.3





#71

Bromoform

Concen: 48.595 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

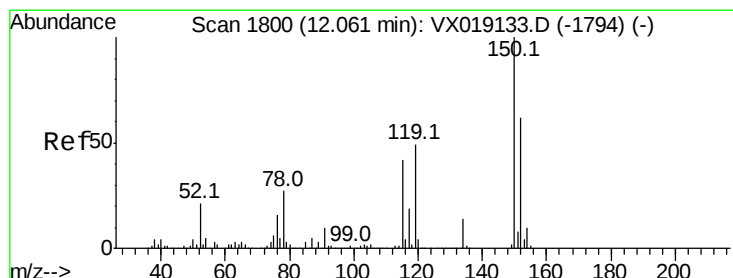
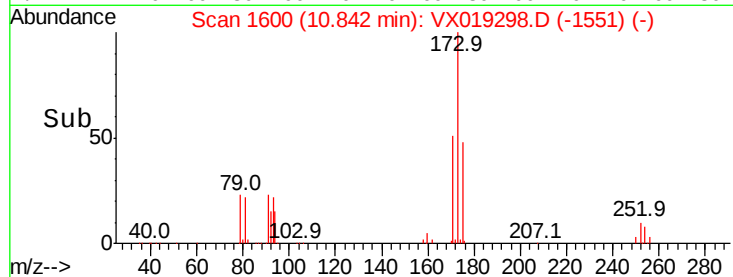
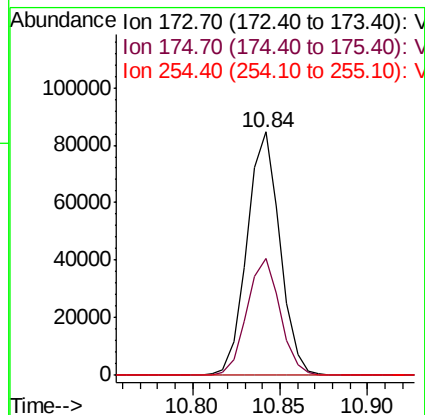
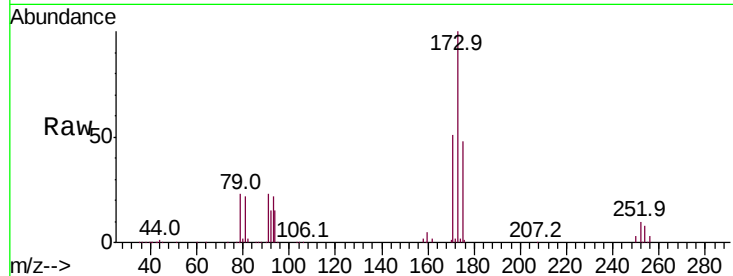
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	173	Resp:	110652
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.4	73.4
254	0.1	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

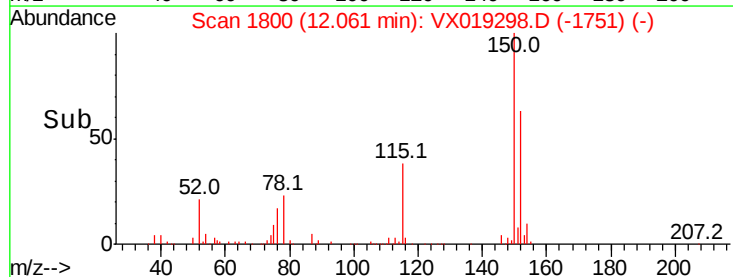
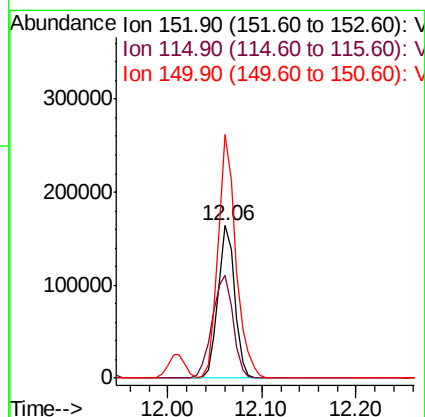
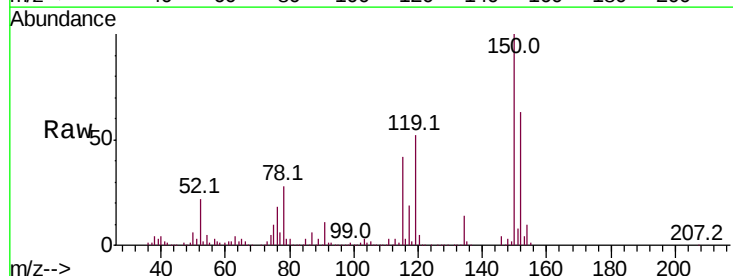
RT: 12.06 min Scan# 1800

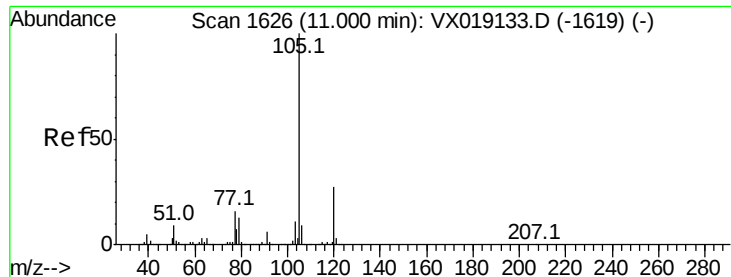
Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Tgt Ion:	152	Resp:	201581
Ion Ratio	Lower	Upper	
152	100		
115	83.4	41.9	125.7
150	170.7	0.0	347.8





#73

Isopropylbenzene

Concen: 48.908 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 697863

Ion Ratio Lower Upper

105 100

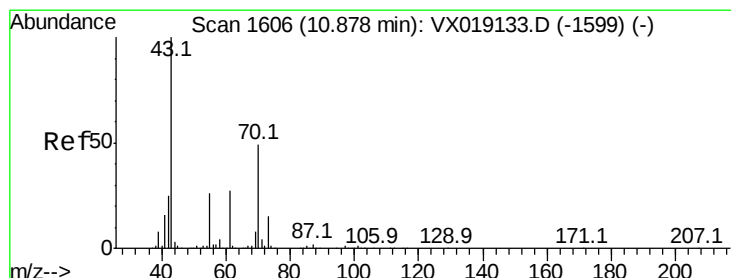
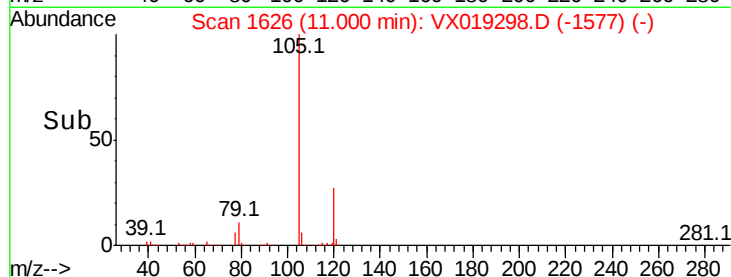
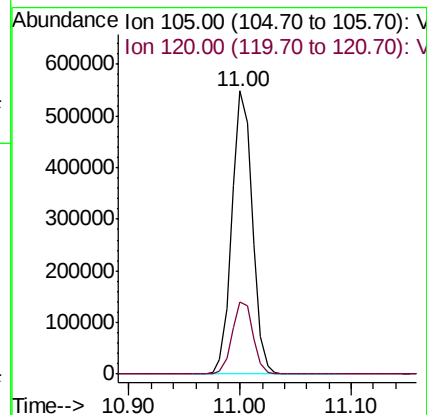
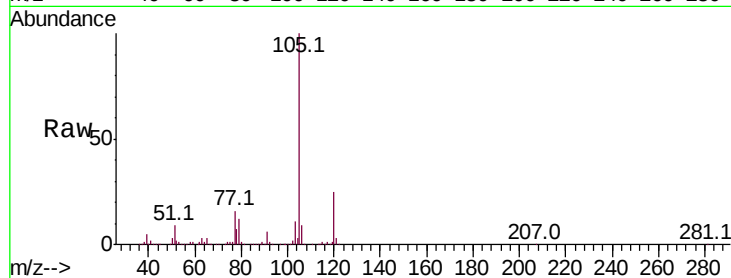
120 26.0 13.3 39.8

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#74

N-ethyl acetate

Concen: 51.779 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Tgt Ion: 43 Resp: 270136

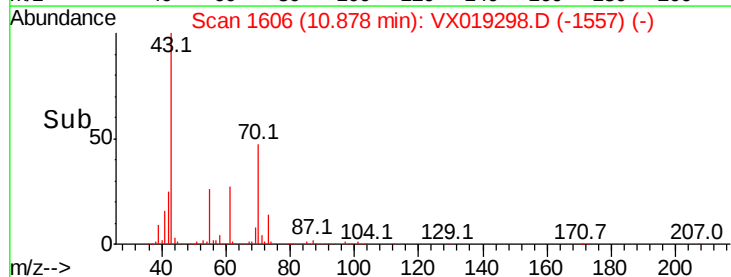
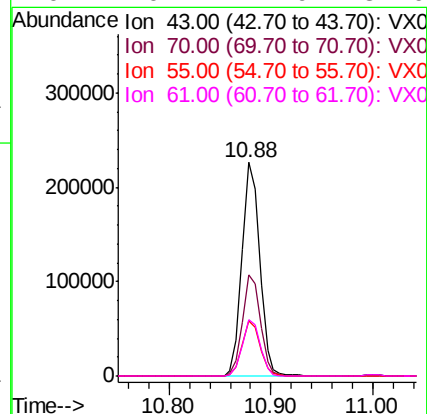
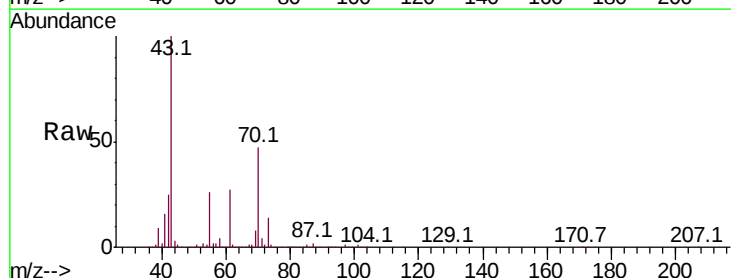
Ion Ratio Lower Upper

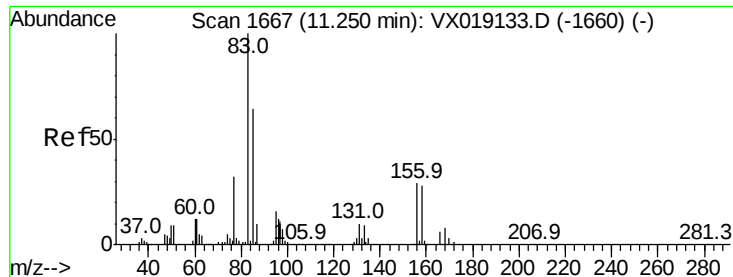
43 100

70 47.7 39.6 59.4

55 26.5 20.7 31.1

61 26.7 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.488 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 225145
Ion Ratio Lower Upper

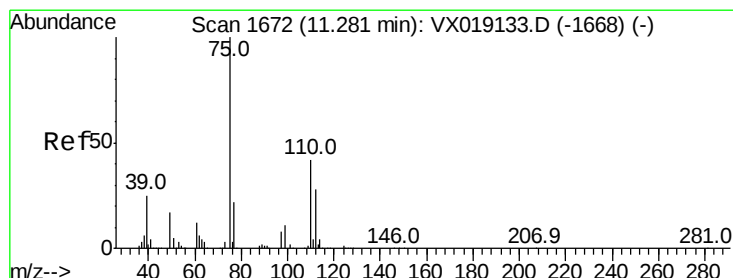
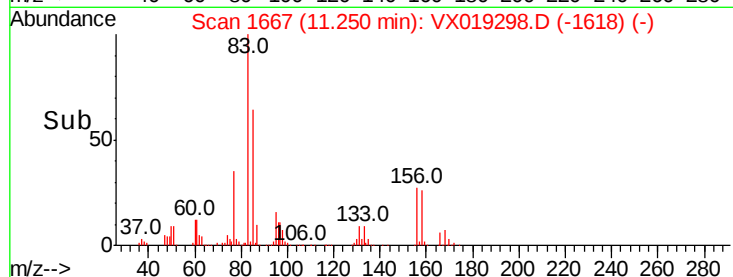
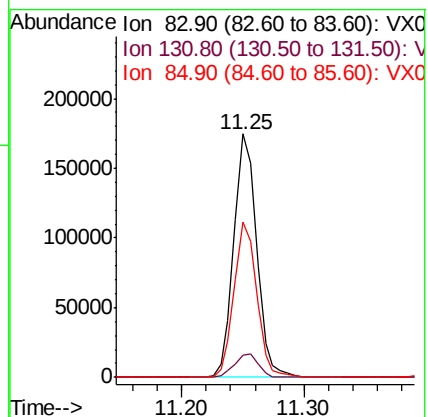
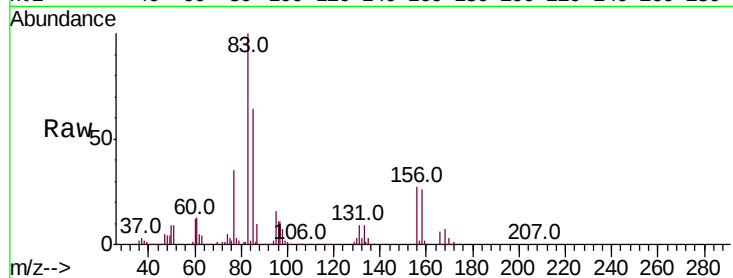
83 100

131 9.9 5.2 15.6

85 63.7 32.1 96.3

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#76

1,2,3-Trichloropropane

Concen: 48.967 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

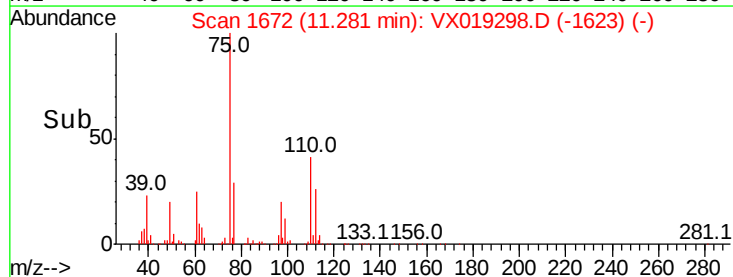
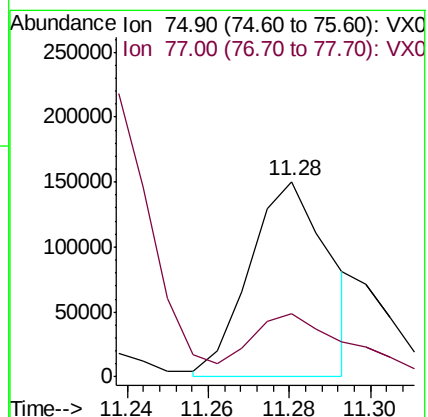
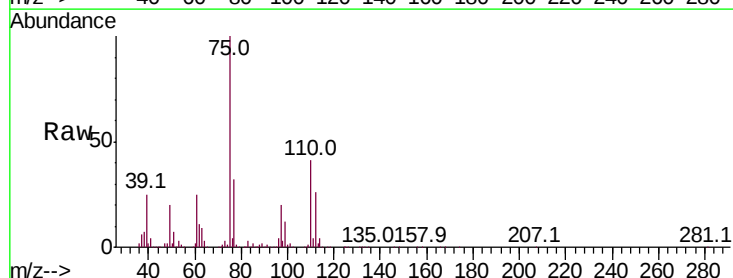
Lab File: VX019298.D

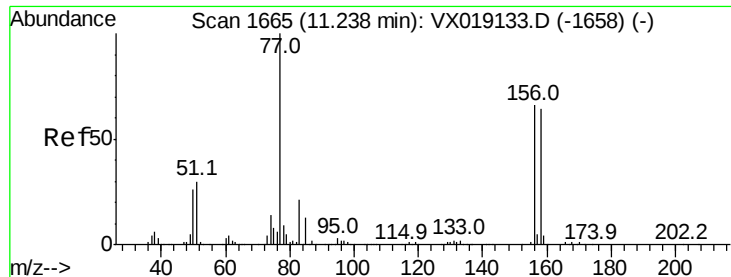
Acq: 05 Nov 2020 02:24

Tgt Ion: 75 Resp: 203813
Ion Ratio Lower Upper

75 100

77 40.0 20.3 60.9





#77

Bromobenzene

Concen: 46.926 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

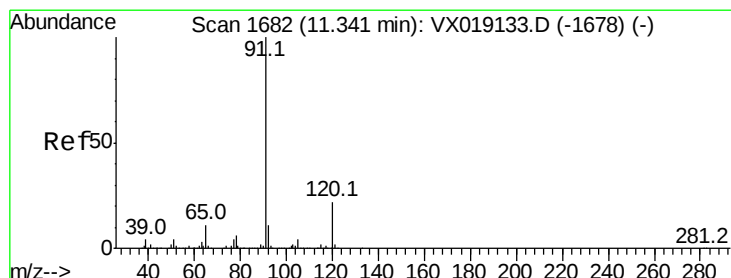
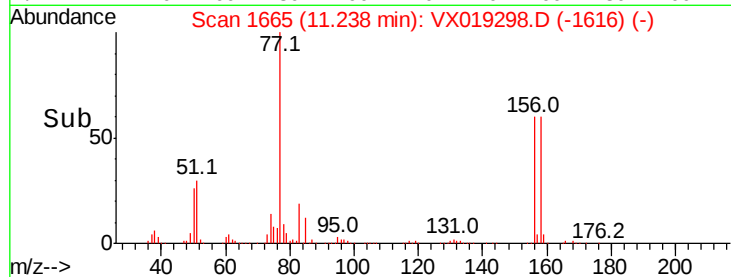
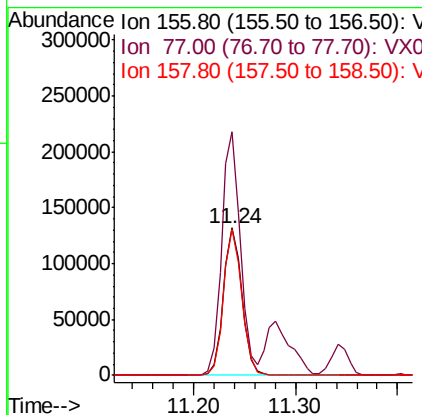
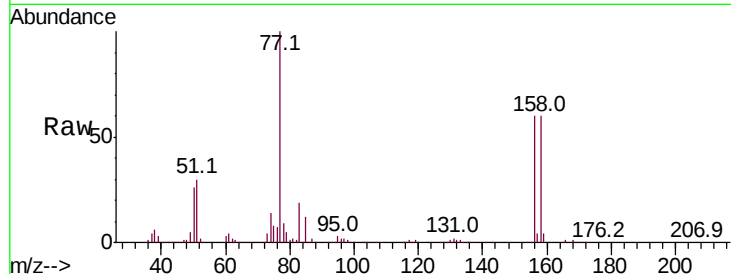
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	167.7	77.7	233.1
158	98.2	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 49.198 ug/l

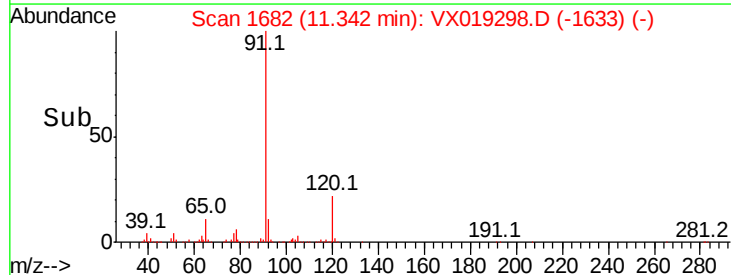
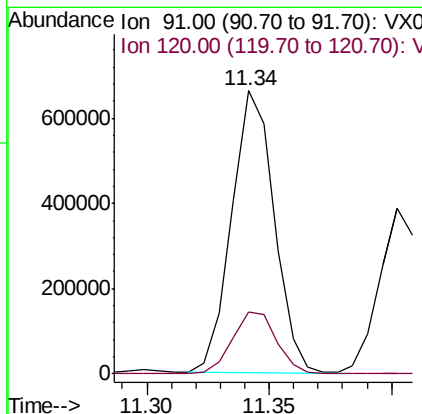
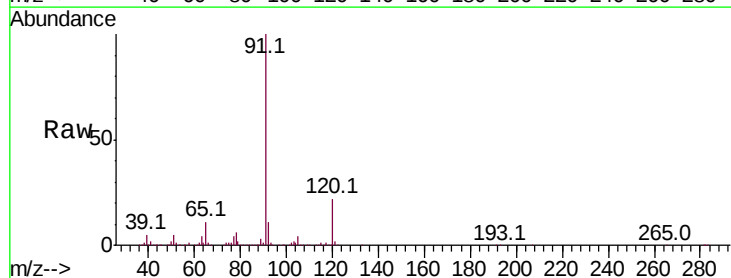
RT: 11.34 min Scan# 1682

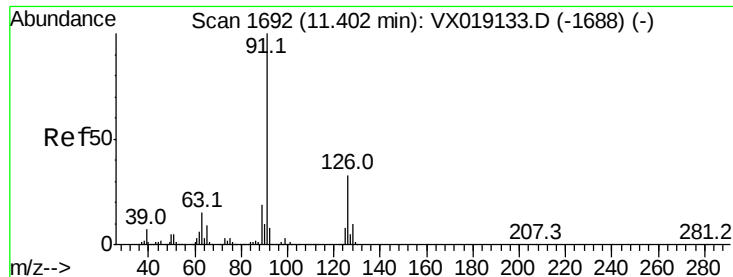
Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.7	35.0





#79

2-Chlorotoluene

Concen: 49.536 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 475028

Ion Ratio Lower Upper

91 100

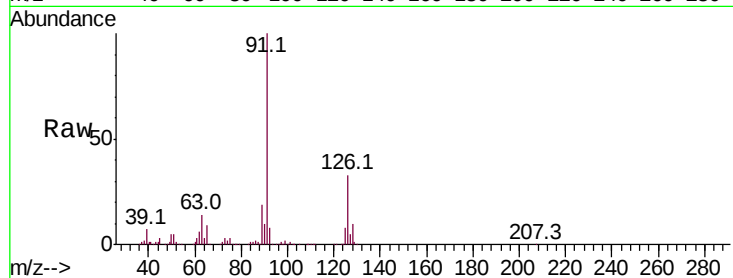
126 33.1 16.9 50.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019133.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX019133.D (-1688) (-)

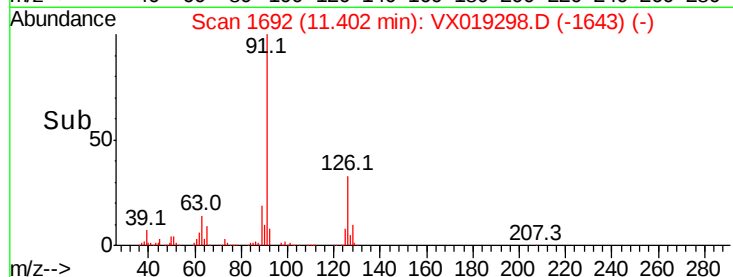
600000

400000

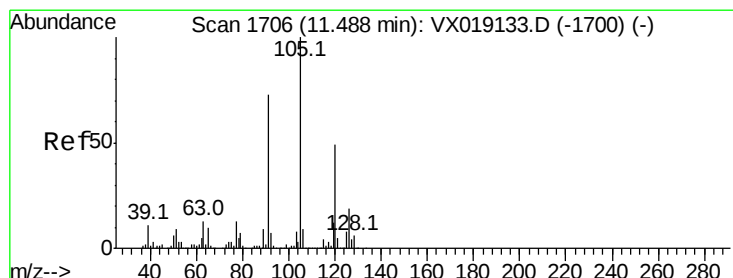
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.688 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019298.D

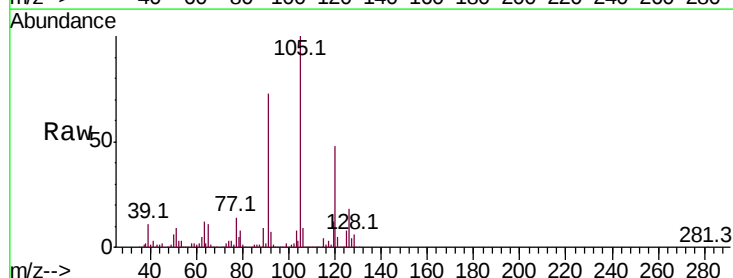
Acq: 05 Nov 2020 02:24

Tgt Ion: 105 Resp: 586904

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX019133.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019133.D (-1700) (-)

500000

400000

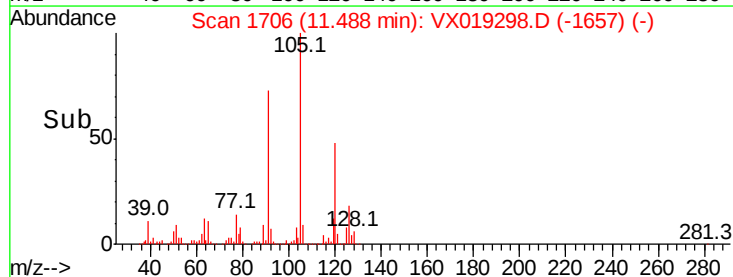
300000

200000

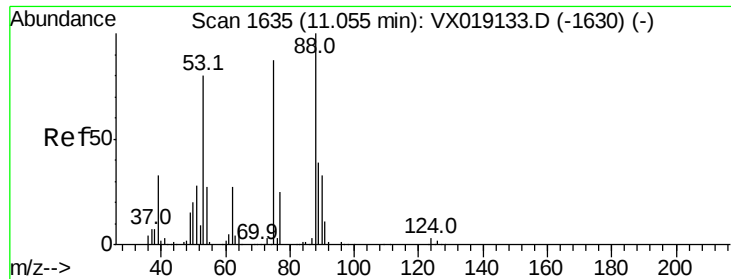
100000

0

11.40 11.50 11.60



Time-->



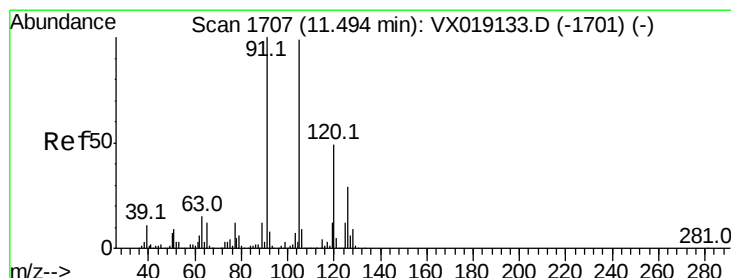
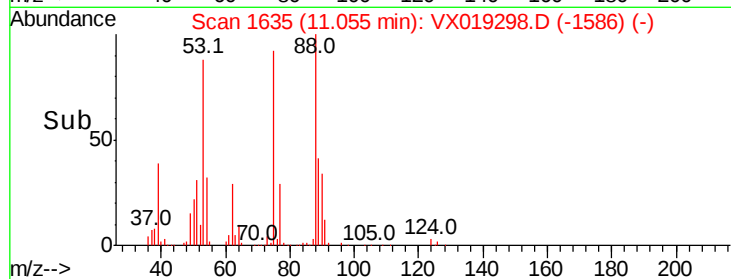
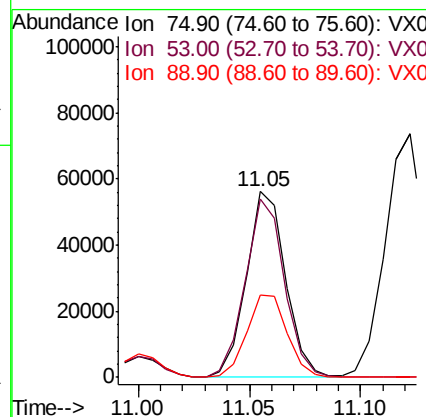
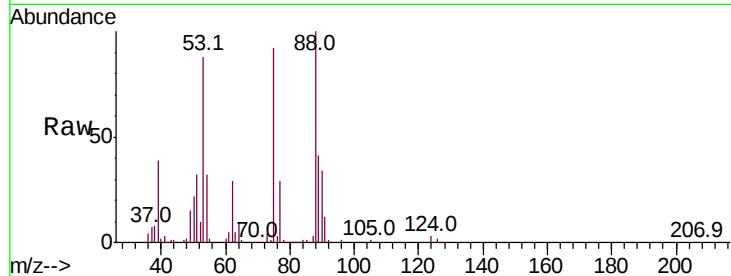
#81
trans-1,4-Dichloro-2-butene
Concen: 43.330 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.6	73.3	109.9
89	46.5	38.2	57.2

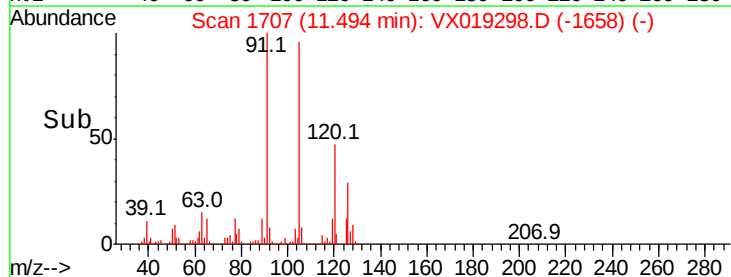
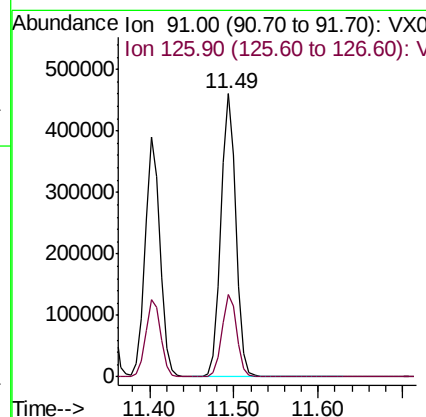
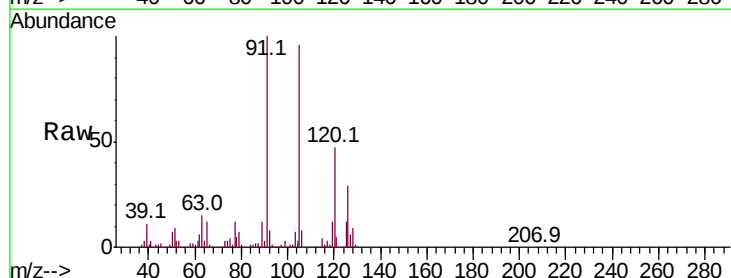
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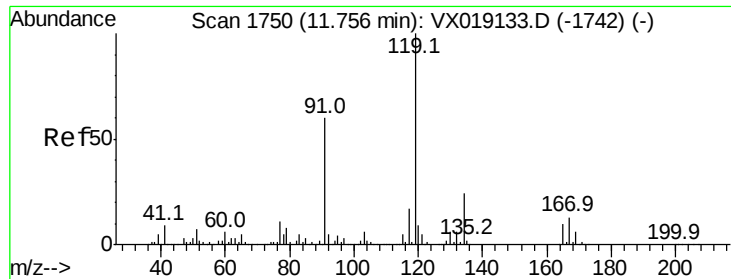
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.588 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.8	44.4





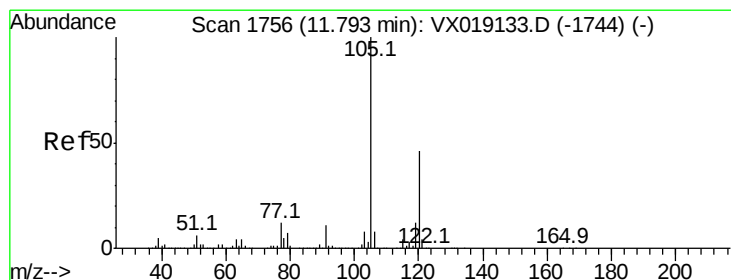
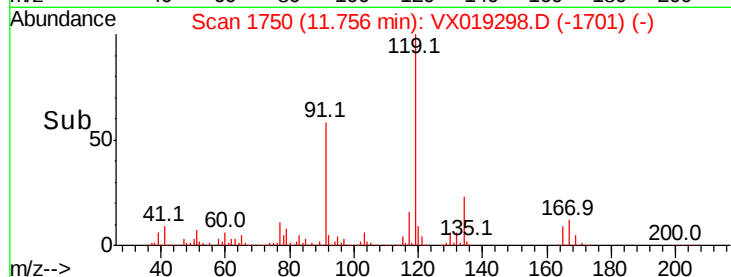
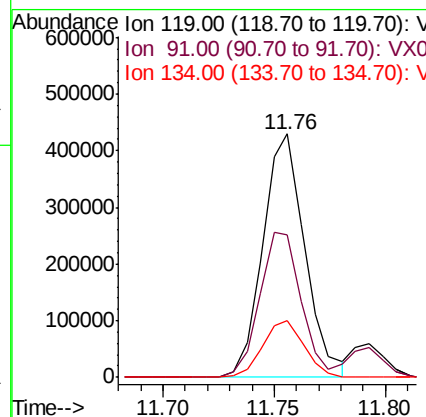
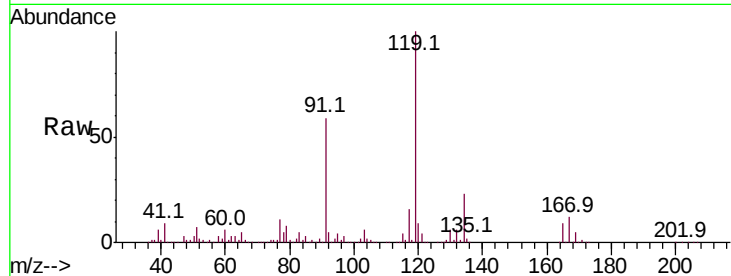
#83
tert-Butylbenzene
Concen: 48.942 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	564885		
91	58.7	29.0	87.1	
134	22.9	11.7	35.0	

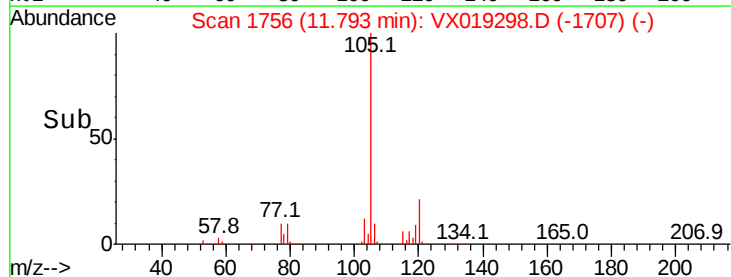
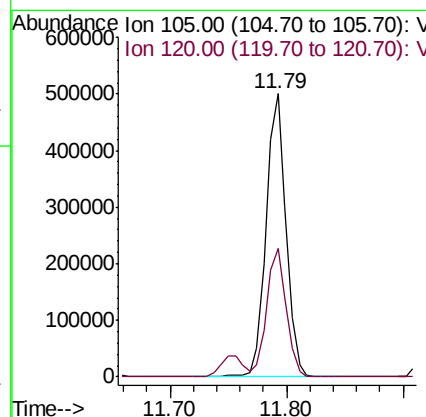
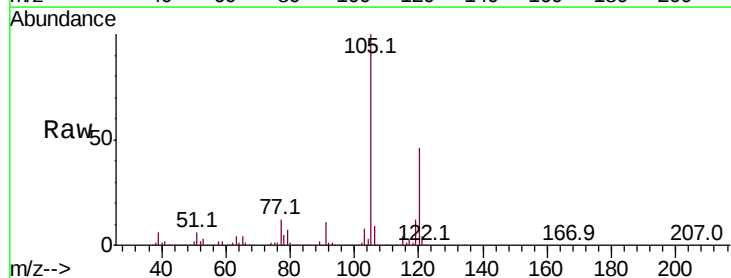
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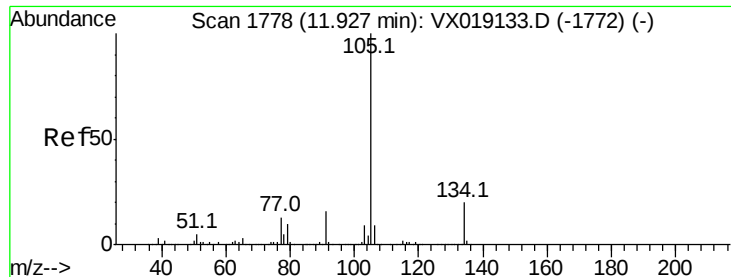
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#84
1,2,4-Trimethylbenzene
Concen: 48.785 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	593692		
120	44.8	22.4	67.3	





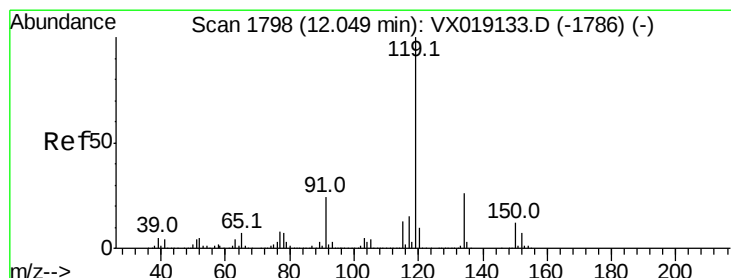
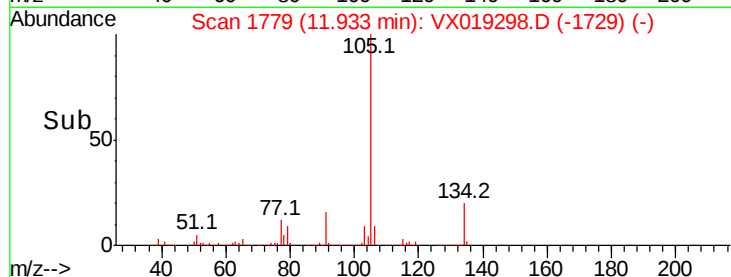
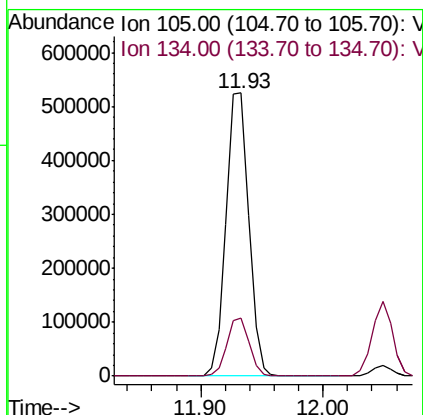
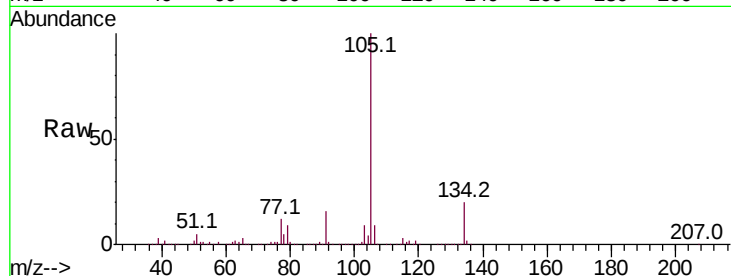
#85
 sec-Butylbenzene
 Concen: 48.606 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 672860
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

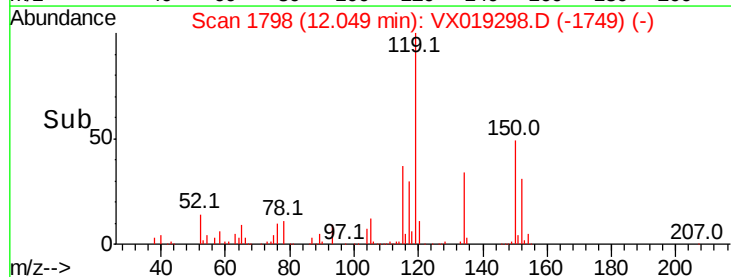
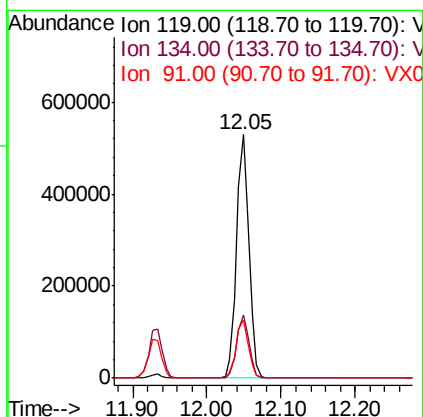
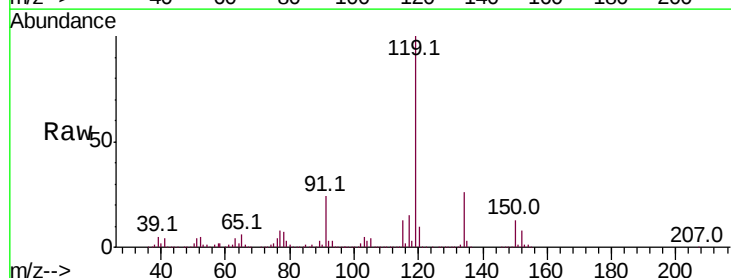
Manual Integrations
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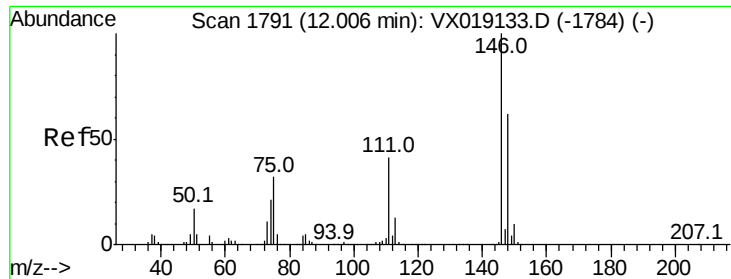
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#86
 p-Isopropyltoluene
 Concen: 48.856 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

Tgt Ion:119 Resp: 624247
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 24.1 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 46.631 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

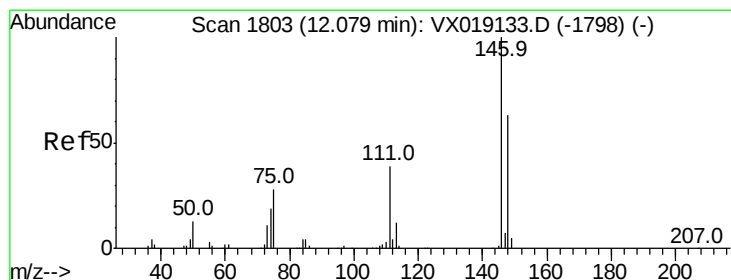
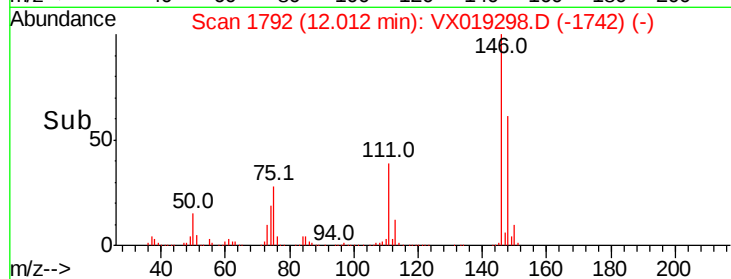
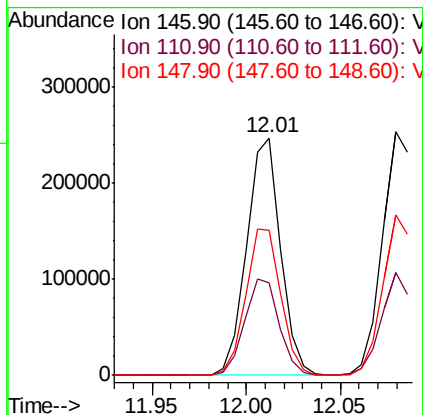
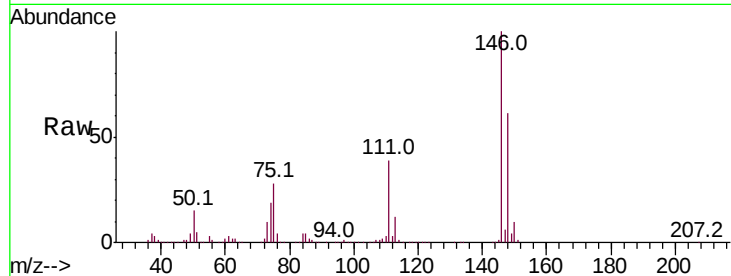
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	307534
Ion Ratio	Lower	Upper	
146	100		
111	41.6	20.4	61.2
148	63.8	31.6	94.8

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 45.918 ug/l

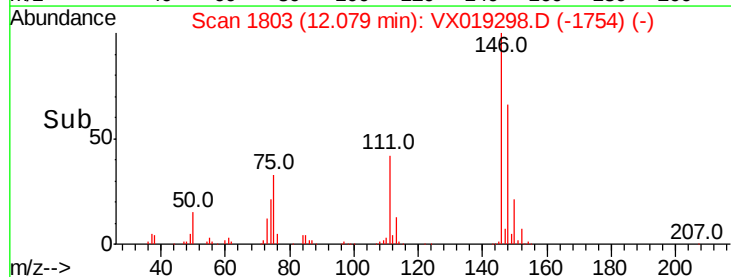
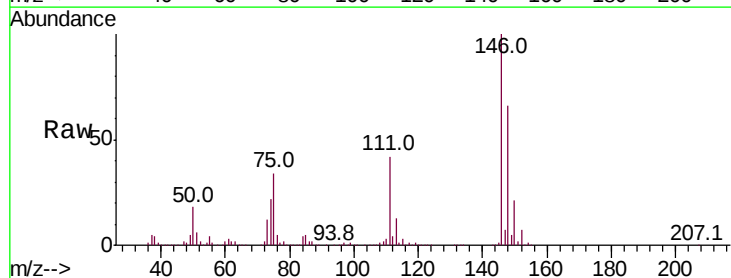
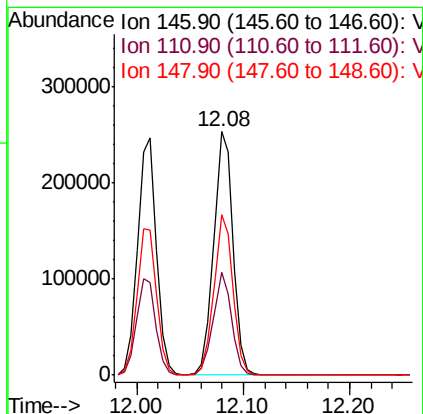
RT: 12.08 min Scan# 1803

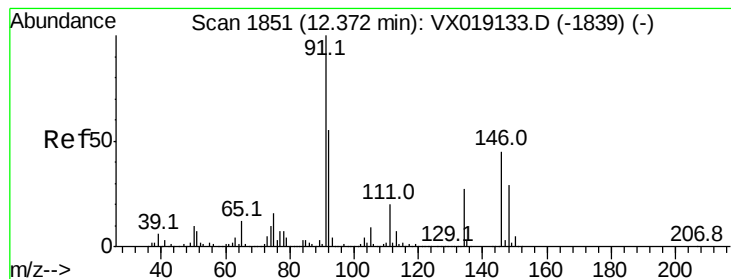
Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Tgt Ion:	146	Resp:	315231
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.2	60.5
148	64.7	31.3	93.8





#89

n-Butylbenzene

Concen: 47.436 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 569705

Ion Ratio Lower Upper

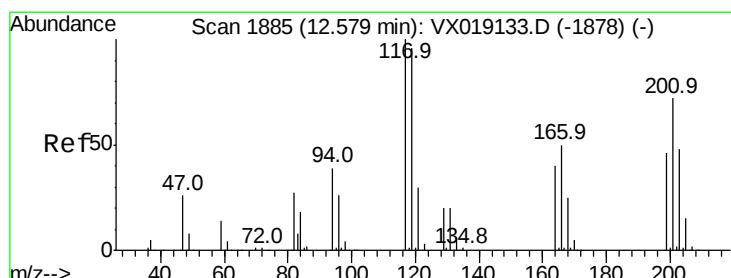
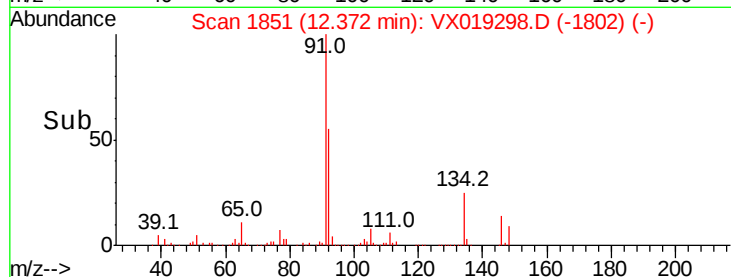
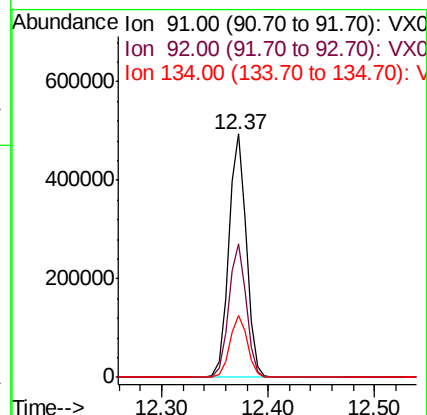
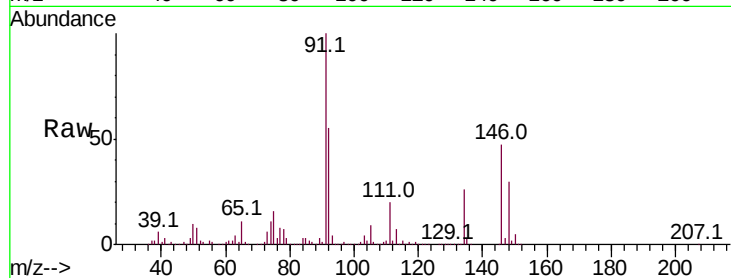
91 100

92 54.5 27.5 82.4

134 25.5 13.2 39.6

Manual Integrations
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#90

Hexachloroethane

Concen: 48.020 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019298.D

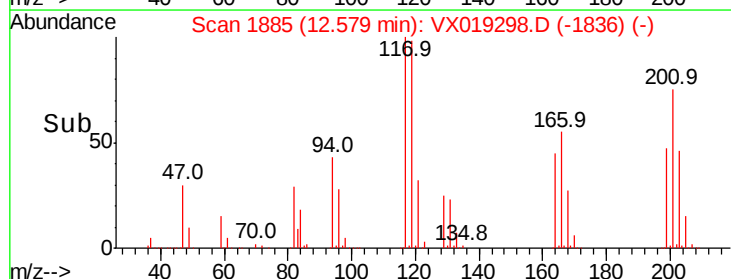
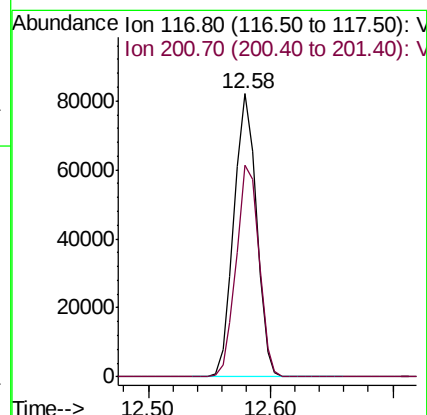
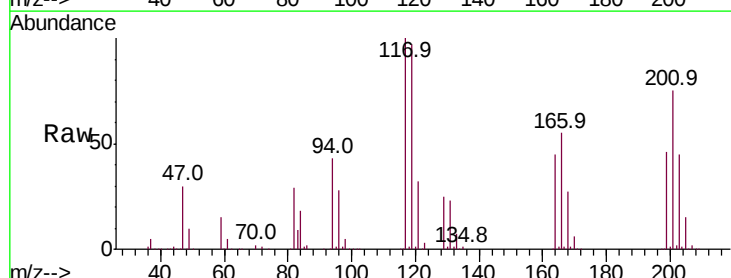
Acq: 05 Nov 2020 02:24

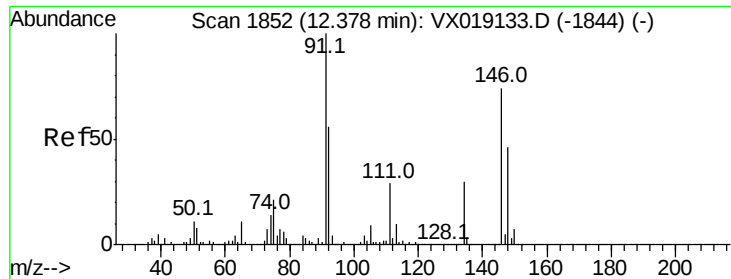
Tgt Ion: 117 Resp: 104289

Ion Ratio Lower Upper

117 100

201 75.8 38.5 115.3





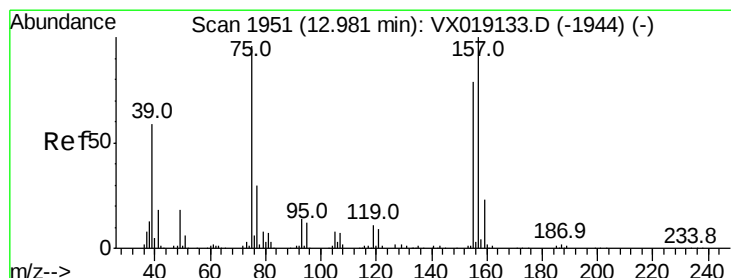
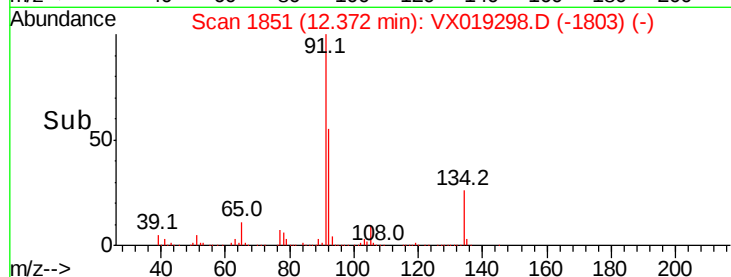
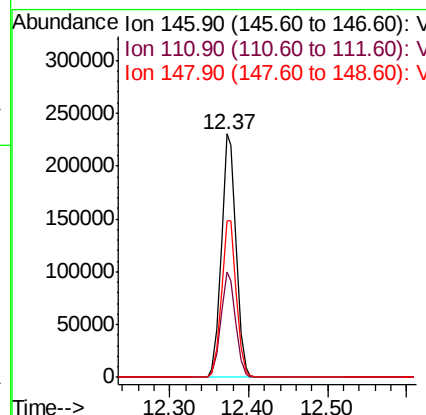
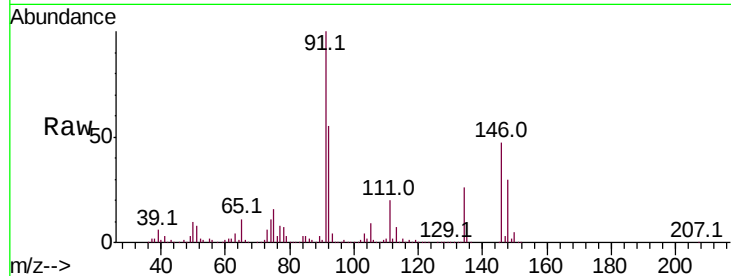
#91
 1,2-Dichlorobenzene
 Concen: 47.168 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.2	63.6
148	64.9	31.6	94.7

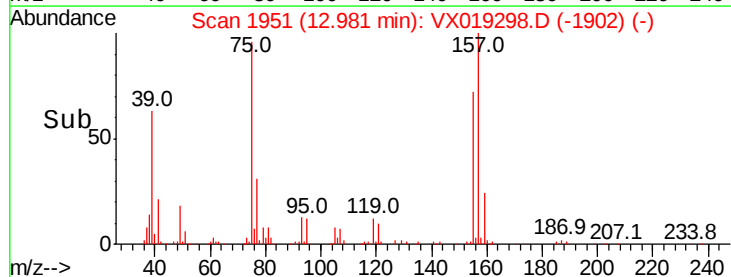
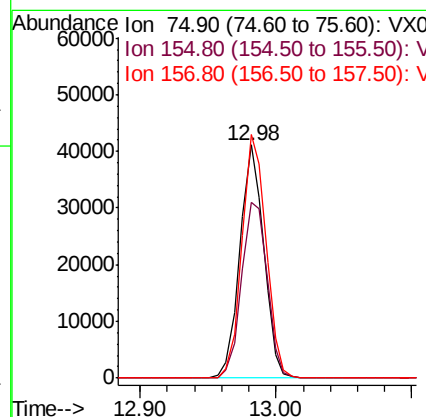
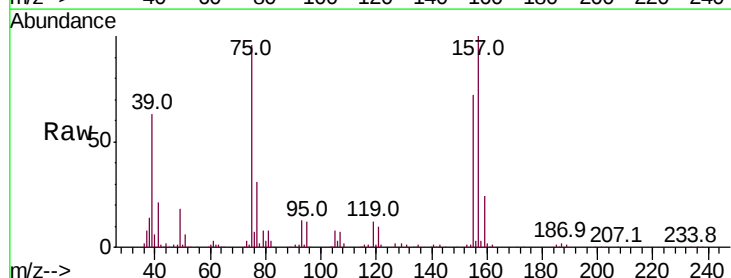
Manual Integrations
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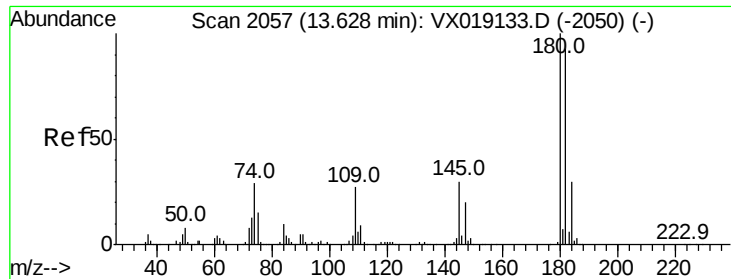
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 11/5/2020 7:02:30 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.053 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.8	42.8	128.4
157	105.3	54.8	164.4





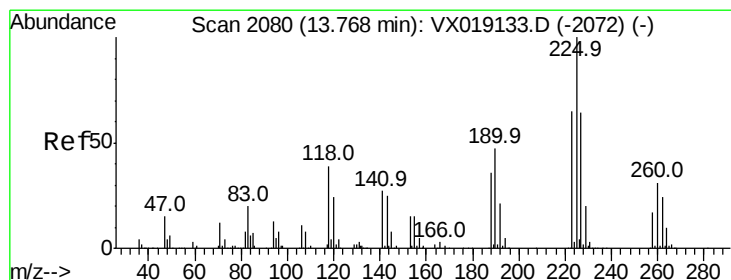
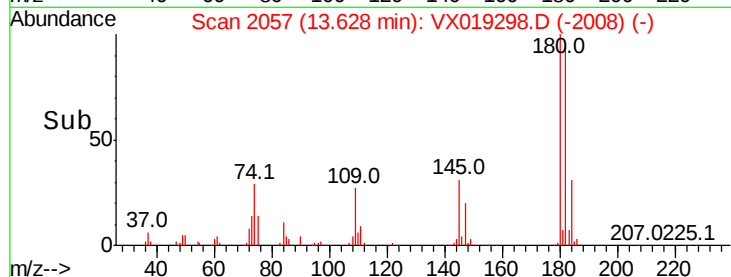
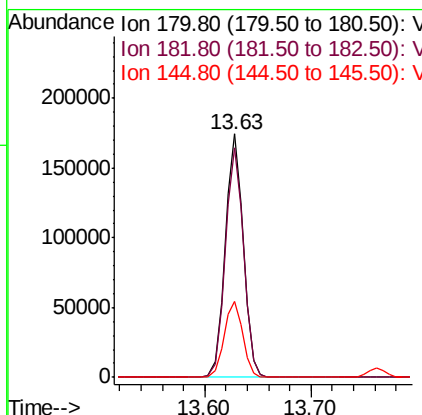
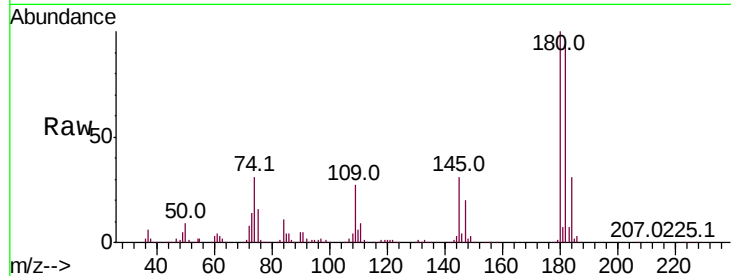
#93
 1,2,4-Trichlorobenzene
 Concen: 43.438 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	206621		
182	95.7	46.8	140.3	
145	32.1	15.5	46.5	

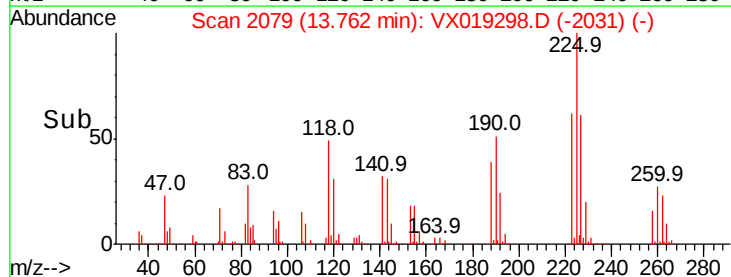
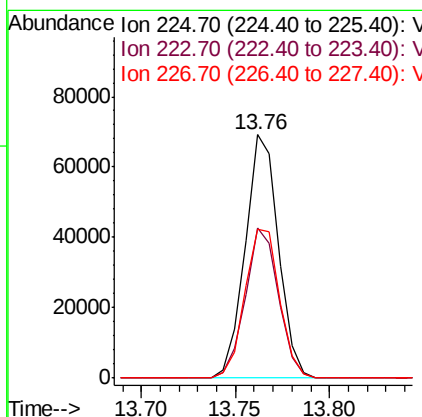
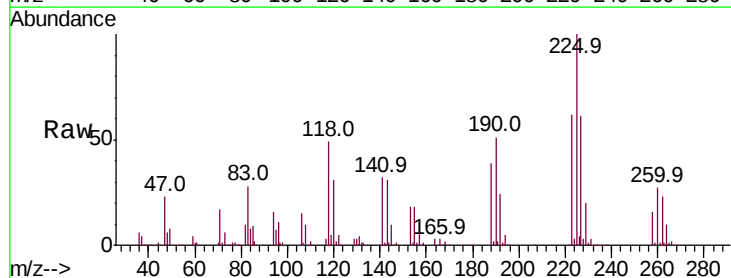
Manual Integrations
 APPROVED

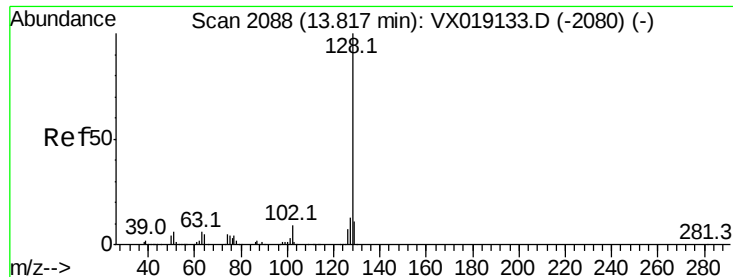
MMDadoda
 11/5/2020 7:02:30 PM



#94
 Hexachlorobutadiene
 Concen: 40.356 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84503		
223	61.8	32.4	97.2	
227	63.8	31.6	94.7	





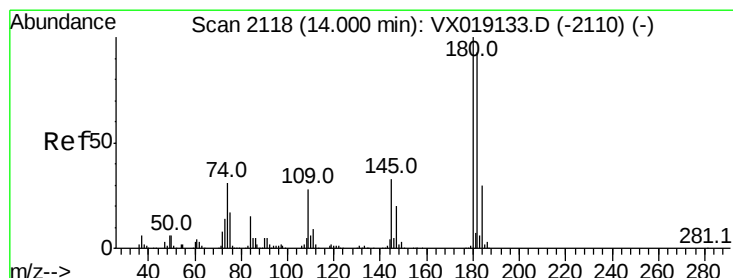
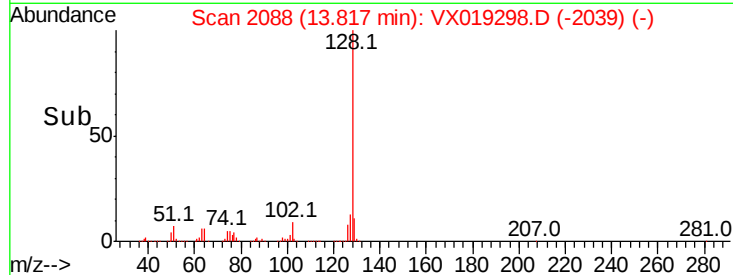
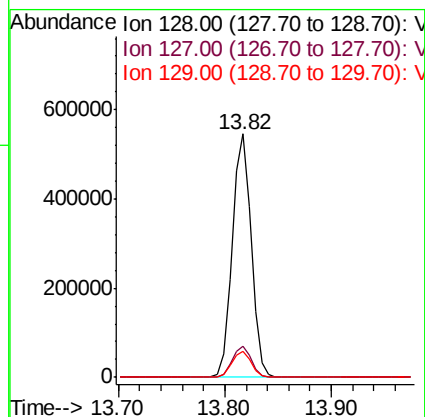
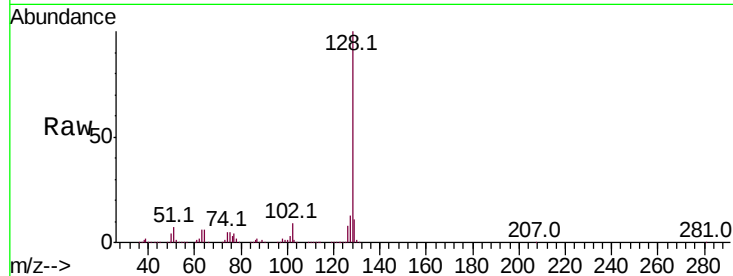
#95
Naphthalene
Concen: 45.459 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	681039		
127	12.8	10.3	15.5	
129	10.9	8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
11/5/2020 7:02:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 43.939 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	202758		
182	92.7	47.8	143.3	
145	34.1	16.5	49.5	

