

Data File : VX019275.D
Acq On : 04 Nov 2020 17:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
11/5/2020 7:02:24 PM

Quant Time: Nov 05 02:46:14 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	261118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	416473	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	384944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197433	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	163861	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	5.46	113	130207	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.70	98	495078	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.12	95	186406	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	111914	51.411	ug/l	100
3) Chloromethane	1.31	50	128698	52.919	ug/l	99
4) Vinyl Chloride	1.39	62	149779	53.106	ug/l	100
5) Bromomethane	1.63	94	99838	51.834	ug/l	98
6) Chloroethane	1.71	64	98068	54.459	ug/l	95
7) Trichlorofluoromethane	1.92	101	233281	52.648	ug/l	97
8) Diethyl Ether	2.17	74	91723	53.938	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	130873	53.288	ug/l	99
10) Methyl Iodide	2.49	142	141660	49.011	ug/l	99
11) Tert butyl alcohol	3.01	59	163062	245.163	ug/l	99
12) 1,1-Dichloroethene	2.36	96	127200	50.261	ug/l	99
13) Acrolein	2.27	56	91657	306.905	ug/l	99
14) Allyl chloride	2.70	41	206402	53.845	ug/l	98
15) Acrylonitrile	3.11	53	376068	269.072	ug/l	100
16) Acetone	2.42	43	311396	268.049	ug/l	100
17) Carbon Disulfide	2.55	76	354081	49.097	ug/l	100
18) Methyl Acetate	2.75	43	151640	53.679	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	465177	53.049	ug/l	99
20) Methylene Chloride	2.83	84	147932	50.722	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	145885	50.086	ug/l	95
22) Diisopropyl ether	3.82	45	429701	56.229	ug/l	95
23) Vinyl Acetate	3.78	43	1896030	278.219	ug/l	99
24) 1,1-Dichloroethane	3.67	63	259204	54.324	ug/l	99
25) 2-Butanone	4.63	43	501040	273.664	ug/l	96
26) 2,2-Dichloropropane	4.55	77	240357	53.584	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	168083	51.642	ug/l	97
28) Bromochloromethane	4.98	49	113217	52.194	ug/l	93
29) Tetrahydrofuran	5.09	42	317879	275.507	ug/l	97
30) Chloroform	5.17	83	270902	53.340	ug/l	99
31) Cyclohexane	5.55	56	226822	53.286	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	246658	53.568	ug/l	99
36) 1,1-Dichloropropene	5.77	75	206392	53.667	ug/l	99
37) Ethyl Acetate	4.79	43	197825	55.402	ug/l	99
38) Carbon Tetrachloride	5.75	117	209141	53.352	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	254801	55.410	ug/l	98
40) Benzene	6.11	78	601610	55.173	ug/l	99
41) Methacrylonitrile	5.00	41	105321	54.770	ug/l	99
42) 1,2-Dichloroethane	6.16	62	219019	54.500	ug/l	100
43) Isopropyl Acetate	6.41	43	327673	54.805	ug/l	99
44) Trichloroethene	7.18	130	163473	52.347	ug/l	95
45) 1,2-Dichloropropane	7.49	63	151102	56.576	ug/l	100
46) Dibromomethane	7.63	93	105311	53.323	ug/l	97
47) Bromodichloromethane	7.87	83	215942	55.473	ug/l	98
48) Methyl methacrylate	7.74	41	160869	55.901	ug/l	98
49) 1,4-Dioxane	7.73	88	69128	1080.170	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	988673	287.706	ug/l	99
52) Toluene	8.76	92	382704	54.494	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	239156	53.788	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	258074	55.197	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	151929	54.752	ug/l	98
56) Ethyl methacrylate	9.16	69	232256	55.414	ug/l	98
57) 1,3-Dichloropropane	9.35	76	256012	54.722	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	626038	267.079	ug/l	97
59) 2-Hexanone	9.47	43	765470	292.631	ug/l	99
60) Dibromochloromethane	9.56	129	163000	54.127	ug/l	99
61) 1,2-Dibromoethane	9.65	107	156690	52.806	ug/l	99
64) Tetrachloroethene	9.32	164	151362	51.609	ug/l	96
65) Chlorobenzene	10.12	112	398918	50.702	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	147901	52.216	ug/l	99
67) Ethyl Benzene	10.23	91	736904	52.561	ug/l	99
68) m/p-Xylenes	10.34	106	552573	105.014	ug/l	97
69) o-Xylene	10.68	106	264074	52.911	ug/l	100
70) Styrene	10.70	104	451889	53.066	ug/l	99
71) Bromoform	10.84	173	112673	50.172	ug/l #	99
73) Isopropylbenzene	11.00	105	718932	51.443	ug/l	99
74) N-amyl acetate	10.88	43	273425	53.510	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	229584	52.565	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	213044m	52.261	ug/l	
77) Bromobenzene	11.24	156	170549	49.171	ug/l	93
78) n-propylbenzene	11.34	91	854093	53.537	ug/l	98
79) 2-Chlorotoluene	11.40	91	488258	51.985	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	616256	52.197	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	78528	50.720	ug/l	97
82) 4-Chlorotoluene	11.49	91	592233	51.636	ug/l	99
83) tert-Butylbenzene	11.76	119	577693	51.103	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	620993	52.101	ug/l	100
85) sec-Butylbenzene	11.93	105	721894	53.244	ug/l	100
86) p-Isopropyltoluene	12.05	119	669610	53.508	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	322539	49.934	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	327193	48.662	ug/l	98
89) n-Butylbenzene	12.37	91	631849	53.715	ug/l	99
90) Hexachloroethane	12.58	117	111505	52.421	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	306934	49.486	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53860	50.374	ug/l	95

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

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	223442	47.961	ug/l	98
94) Hexachlorobutadiene	13.77	225	98021	47.796	ug/l	98
95) Naphthalene	13.82	128	732117	49.895	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	215040	47.580	ug/l	99

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

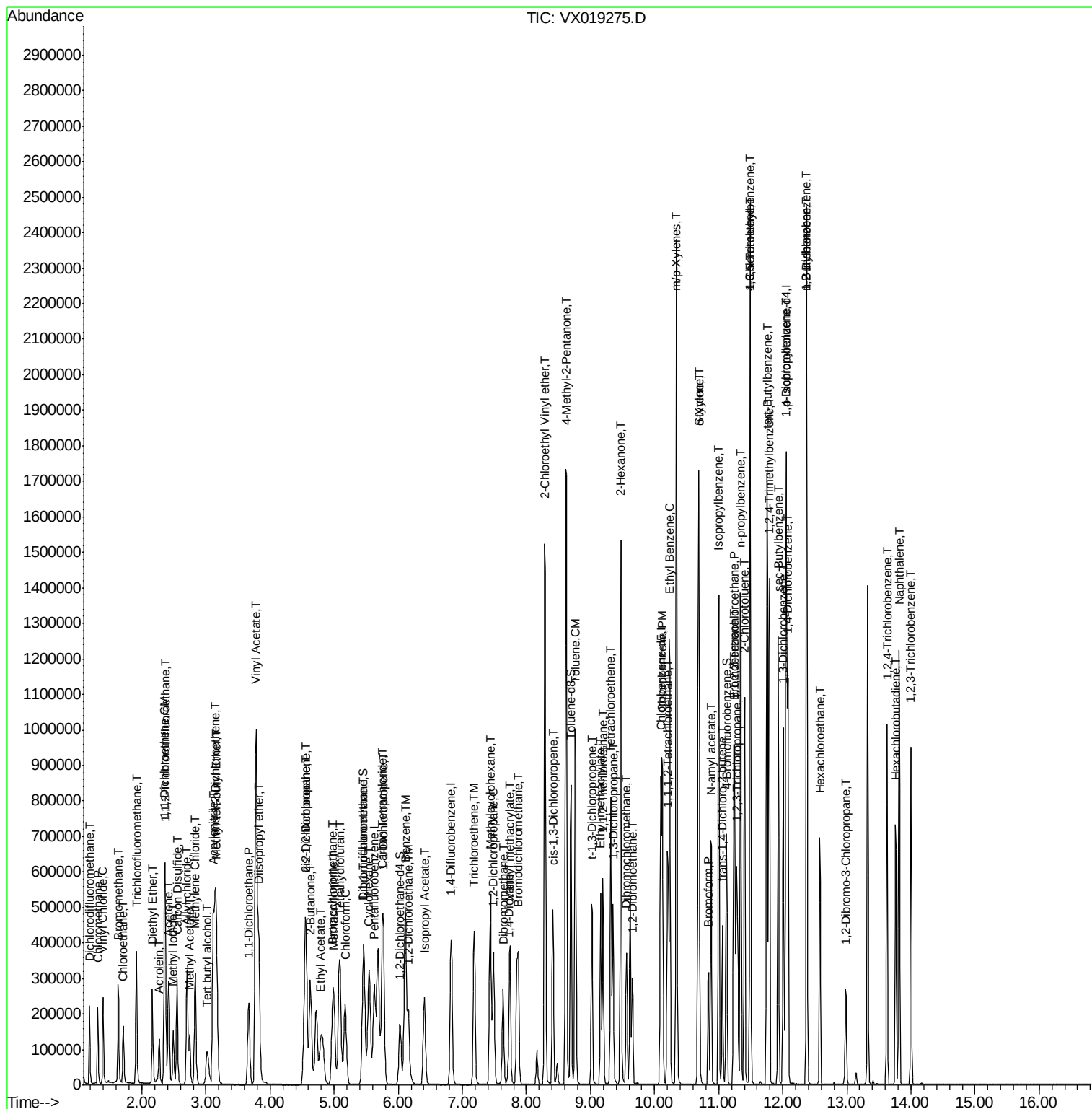
Data File : VX019275.D
Acq On : 04 Nov 2020 17:18
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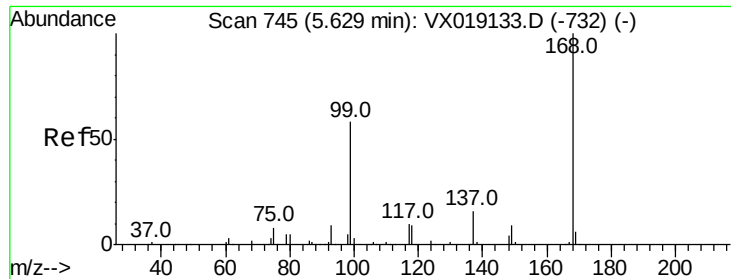
Instrument :
MSVOA_X
Client Sample ID :
VSTDCCC050

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 261118

Ion Ratio Lower Upper

168 100

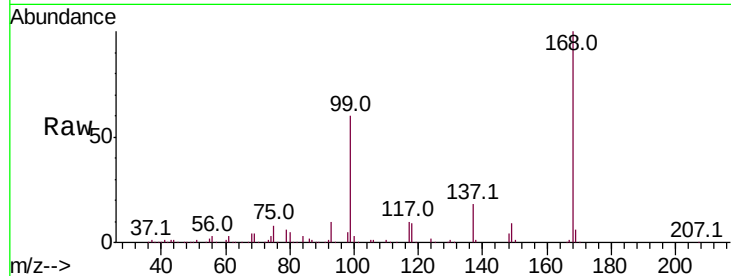
99 60.0 46.6 69.8

Manual Integrations

APPROVED

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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

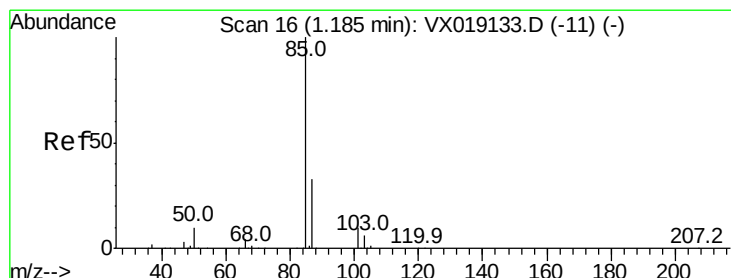
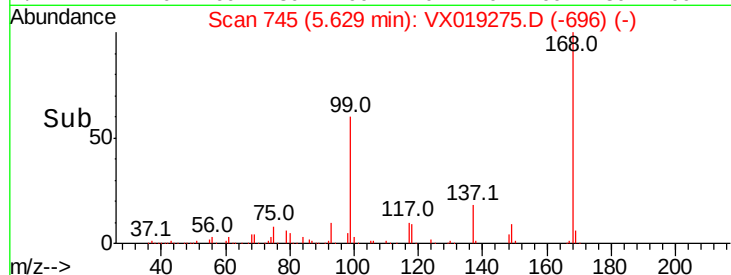
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.411 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019275.D

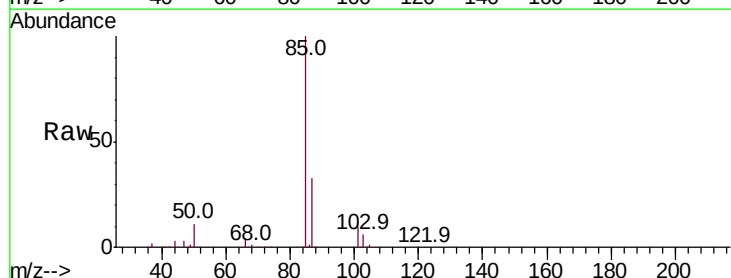
Acq: 04 Nov 2020 17:18

Tgt Ion: 85 Resp: 111914

Ion Ratio Lower Upper

85 100

87 32.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

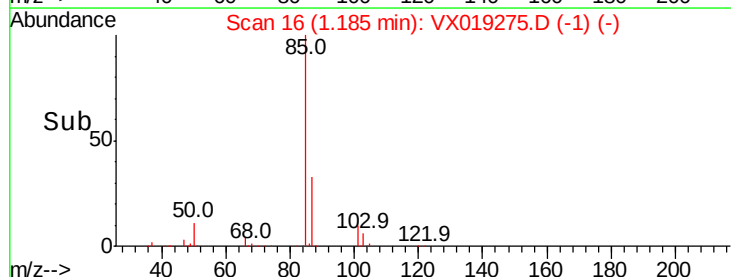
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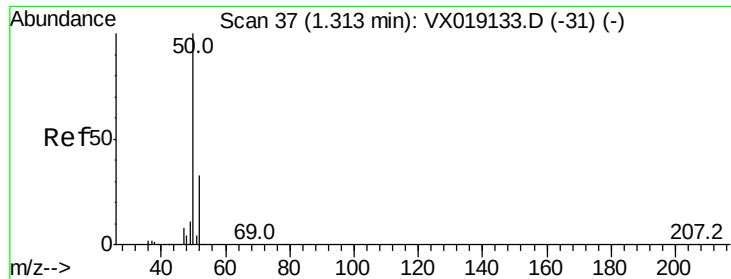
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 52.919 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 128698

Ion Ratio Lower Upper

50 100

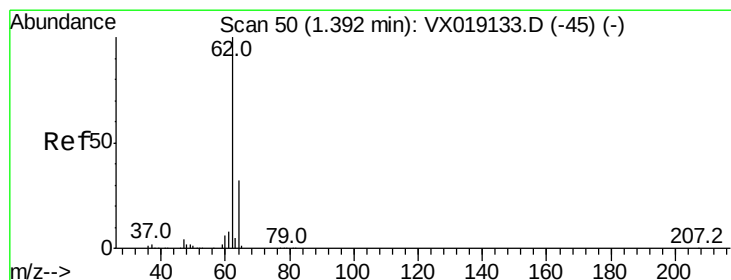
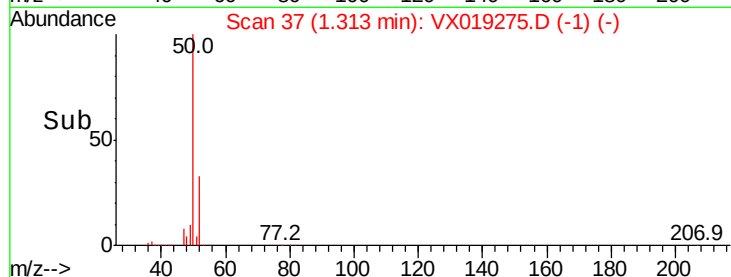
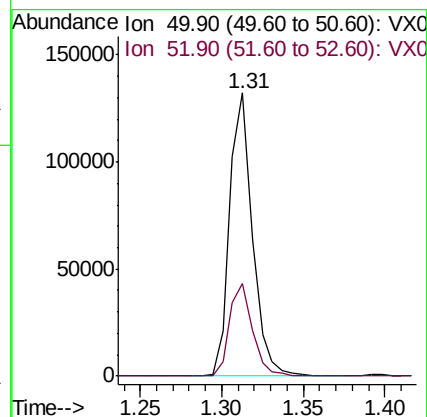
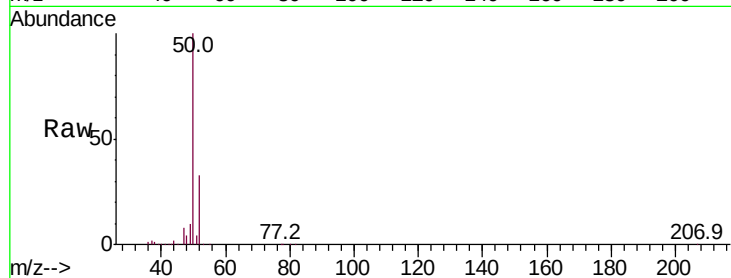
52 32.8 26.8 40.2

Manual Integrations

APPROVED

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11/5/2020 7:02:24 PM



#4

Vinyl Chloride

Concen: 53.106 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019275.D

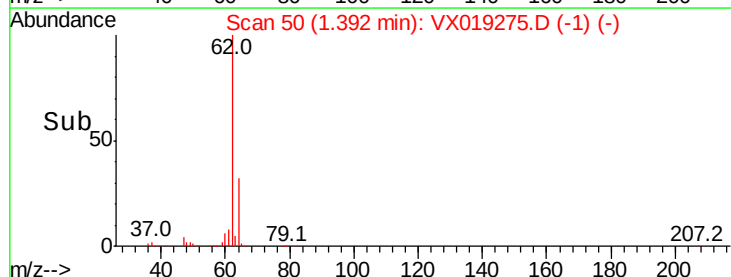
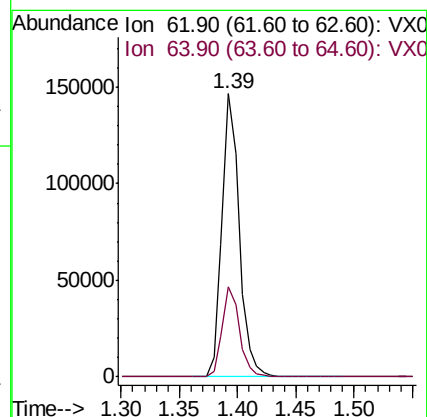
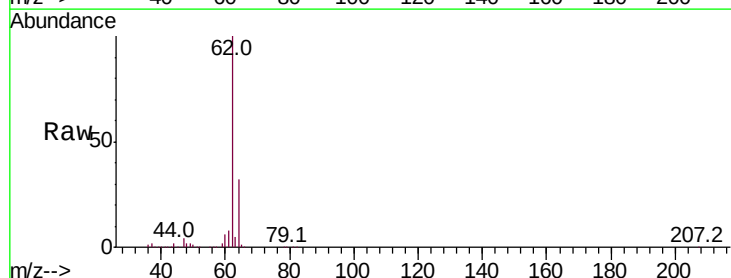
Acq: 04 Nov 2020 17:18

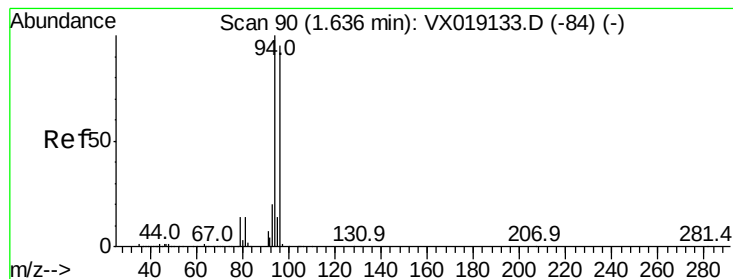
Tgt Ion: 62 Resp: 149779

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 51.834 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 99838

Ion Ratio Lower Upper

94 100

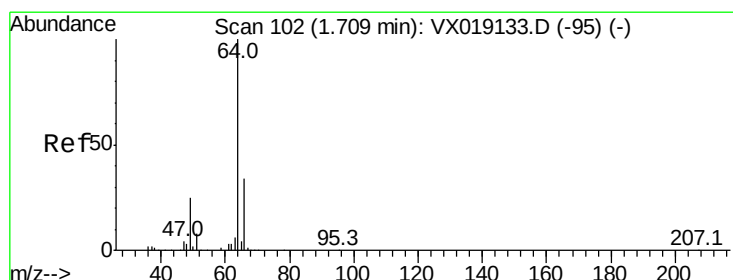
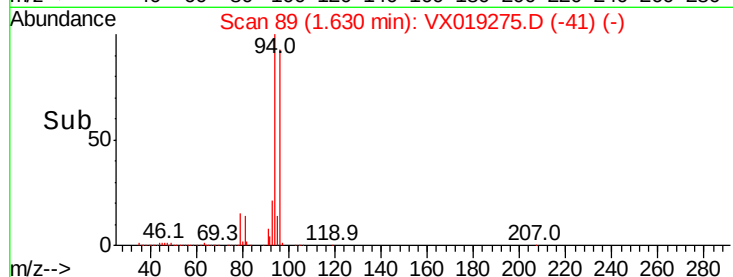
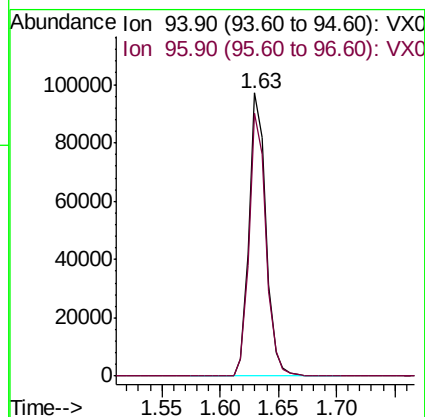
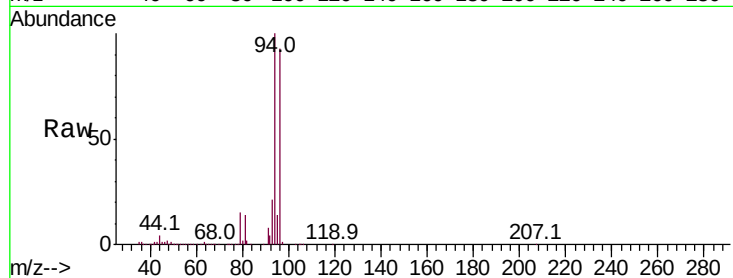
96 92.9 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 54.459 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019275.D

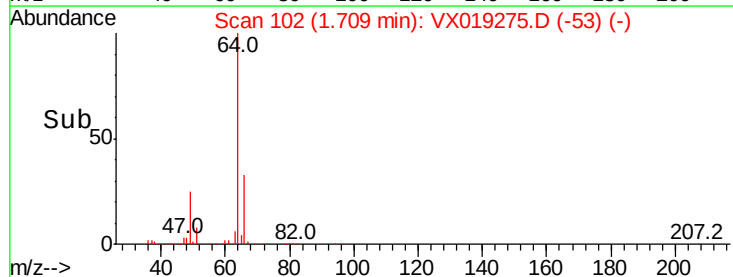
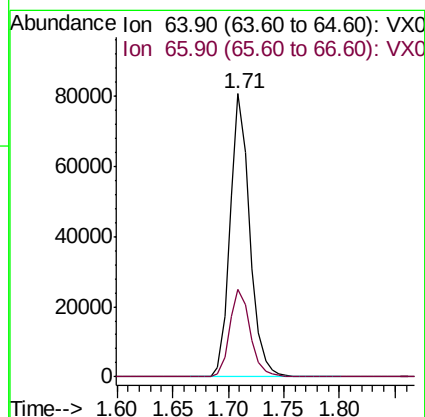
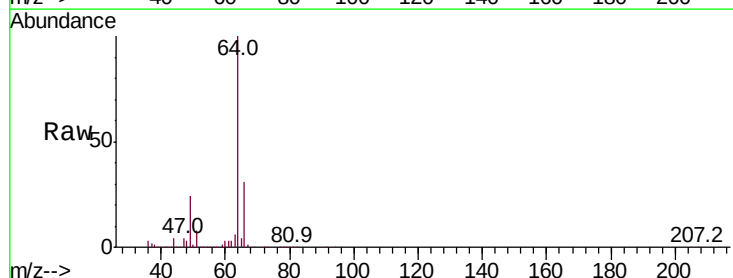
Acq: 04 Nov 2020 17:18

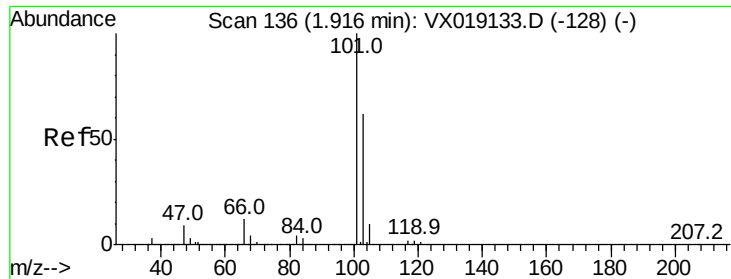
Tgt Ion: 64 Resp: 98068

Ion Ratio Lower Upper

64 100

66 31.1 27.1 40.7





#7

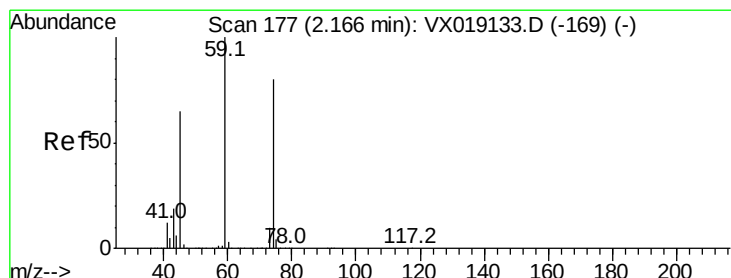
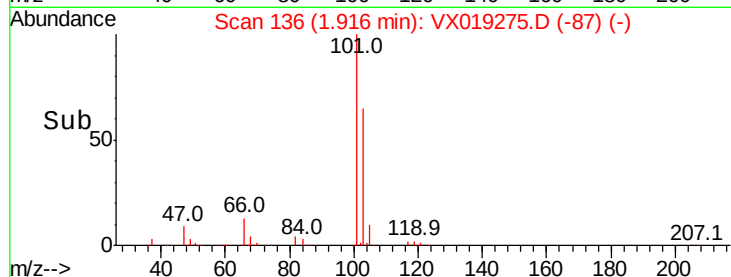
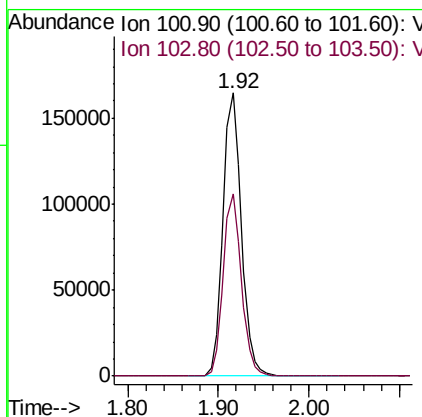
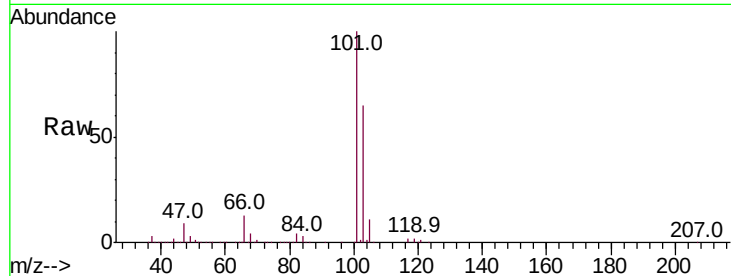
Trichlorofluoromethane
 Concen: 52.648 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

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 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.6	50.0	75.0

Manual Integrations
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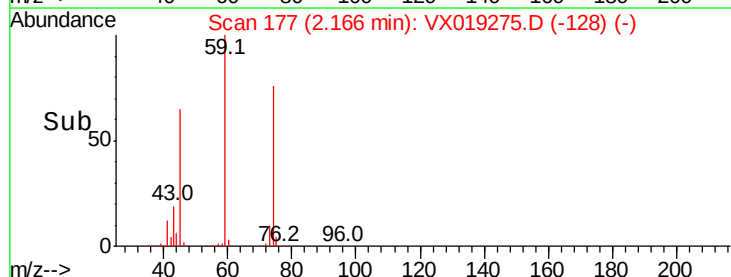
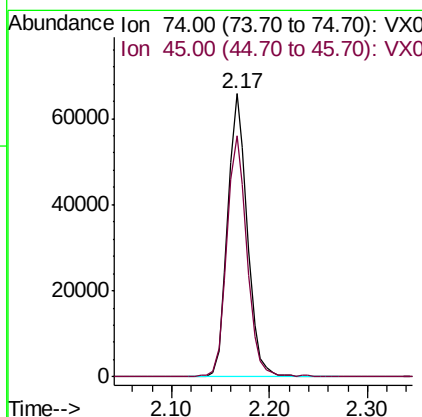
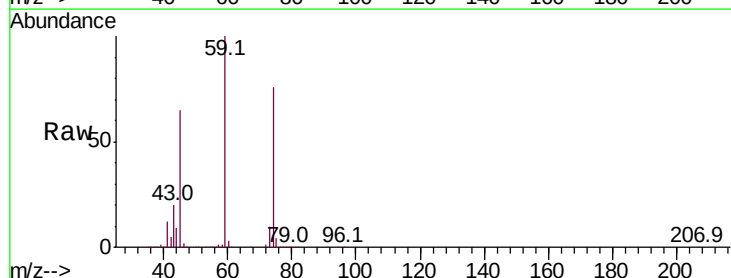
MMDadoda
 11/5/2020 7:02:24 PM

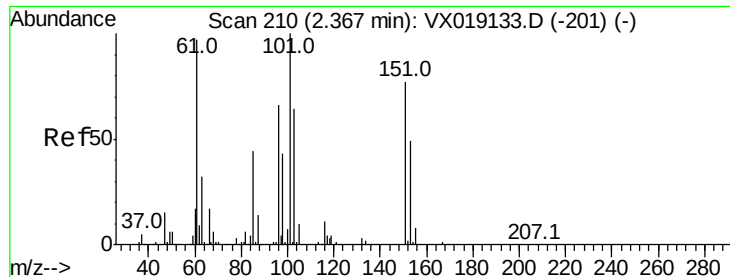


#8

Diethyl Ether
 Concen: 53.938 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.6	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.288 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019275.D

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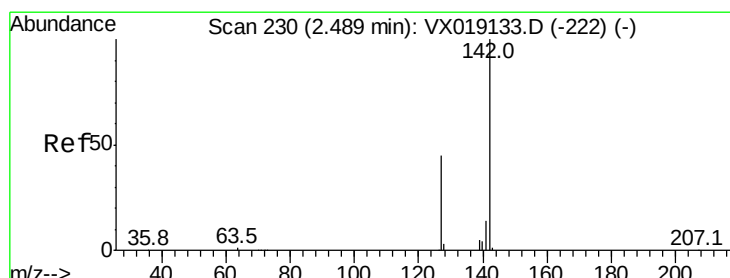
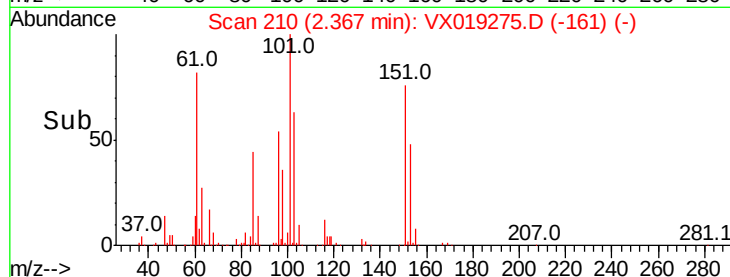
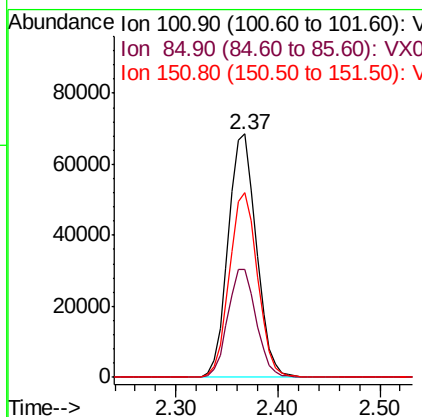
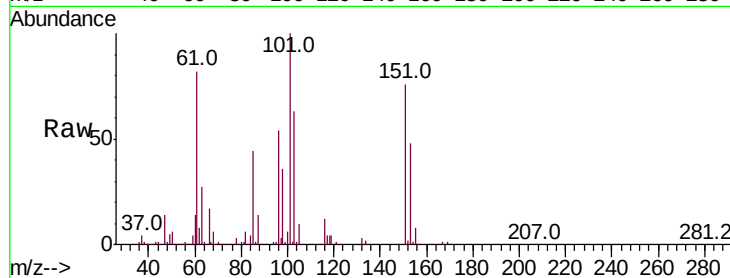
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	130873
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.0	52.4
151	75.6	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 49.011 ug/l

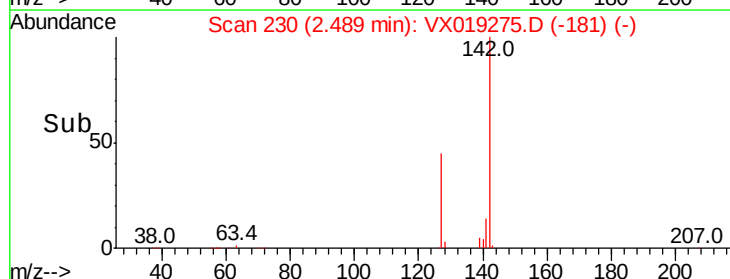
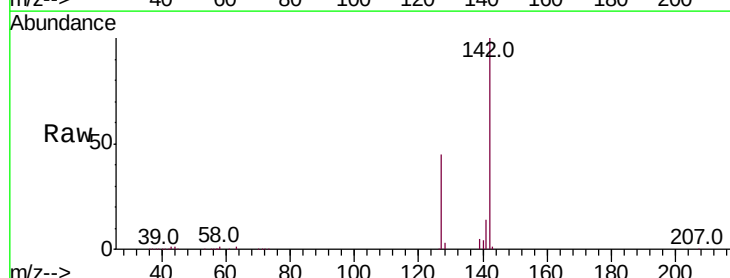
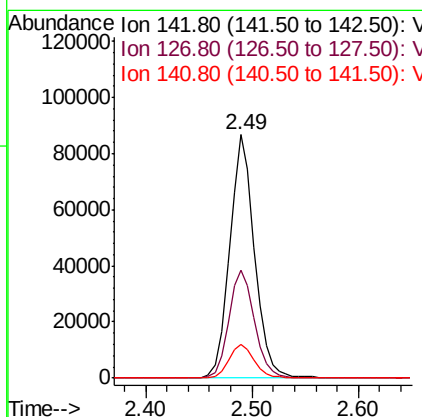
RT: 2.49 min Scan# 230

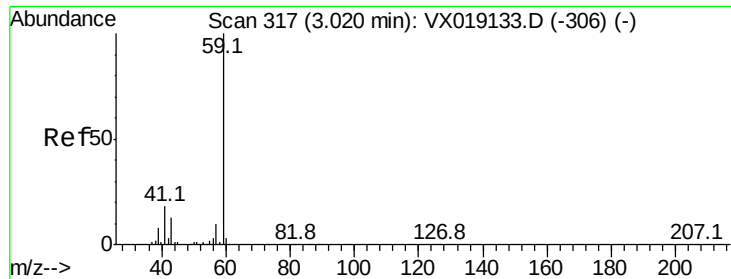
Delta R.T. 0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Tgt Ion:	142	Resp:	141660
Ion Ratio	Lower	Upper	
142	100		
127	45.9	36.1	54.1
141	14.2	11.3	16.9





#11

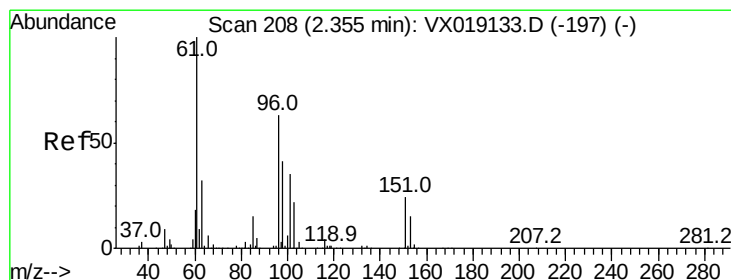
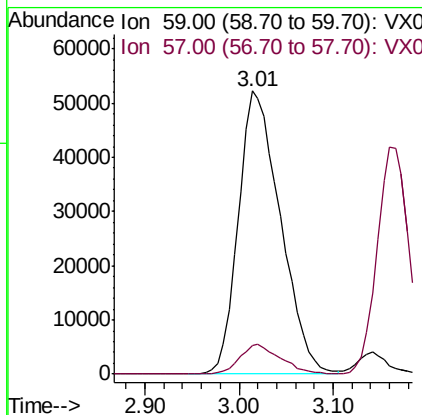
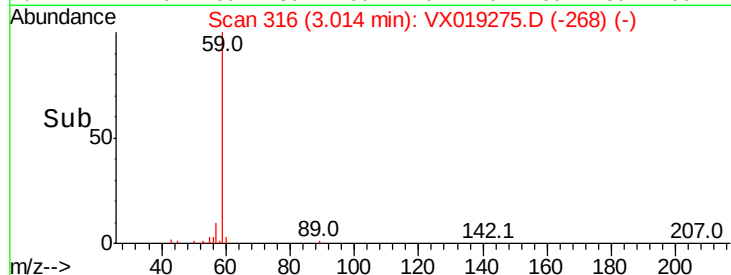
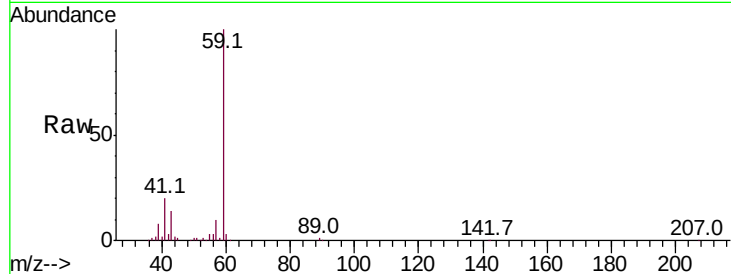
Tert butyl alcohol
Concen: 245.163 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 163062
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6

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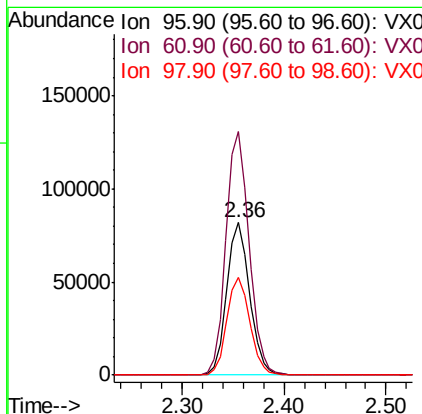
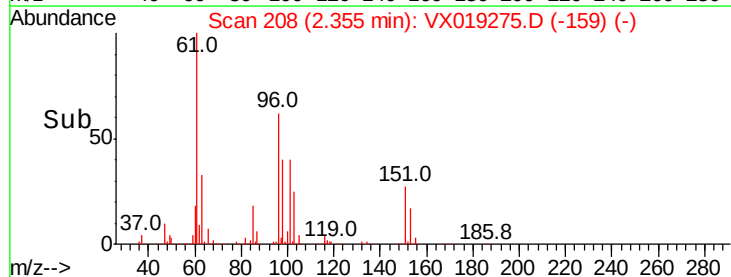
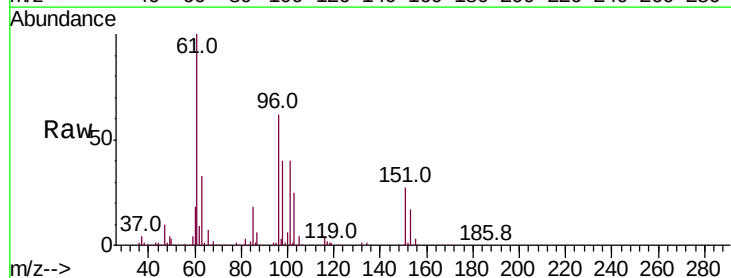
MMDadoda
11/5/2020 7:02:24 PM

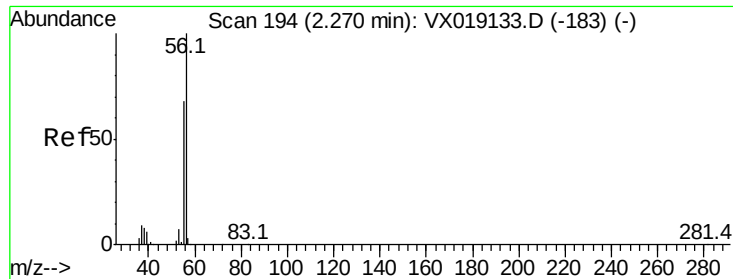


#12

1,1-Dichloroethene
Concen: 50.261 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion: 96 Resp: 127200
Ion Ratio Lower Upper
96 100
61 160.1 127.7 191.5
98 64.4 52.1 78.1





#13

Acrolein

Concen: 306.905 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 91657

Ion Ratio Lower Upper

56 100

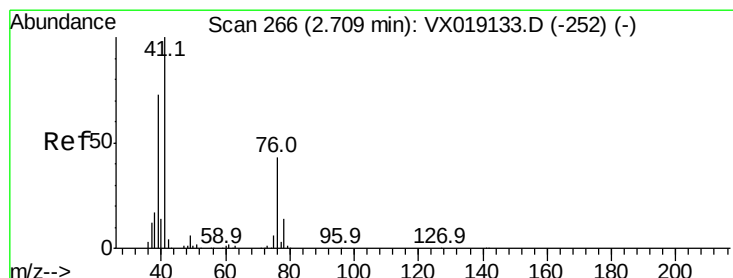
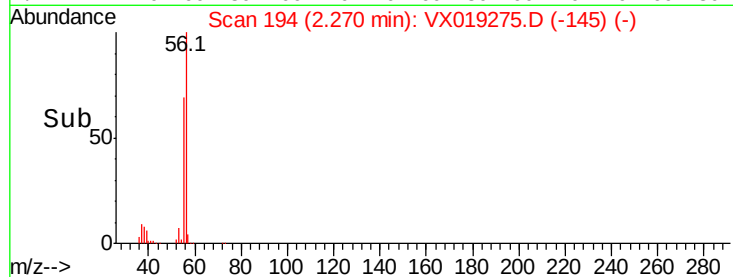
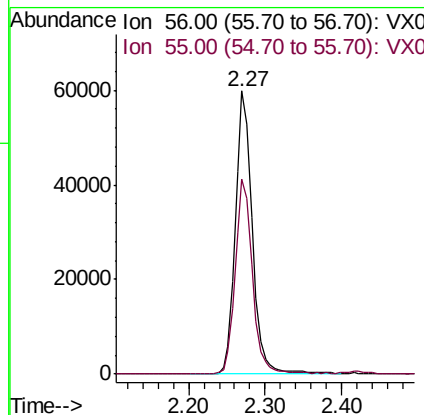
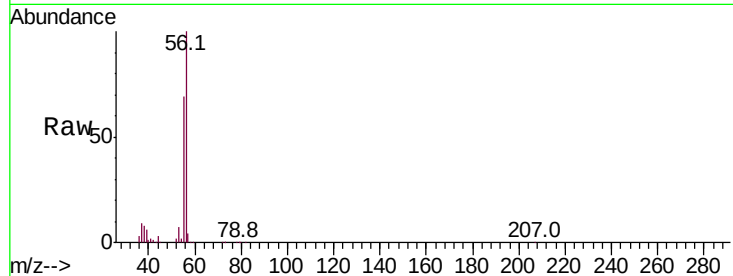
55 69.3 54.7 82.1

Manual Integrations

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#14

Allyl chloride

Concen: 53.845 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

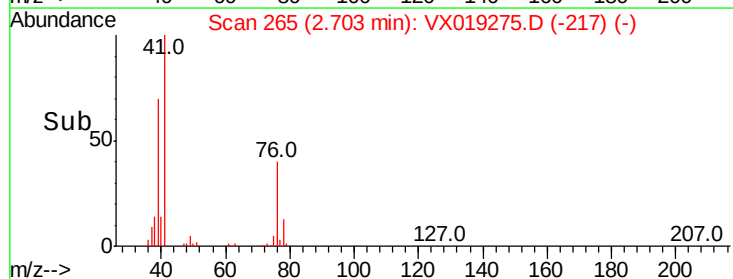
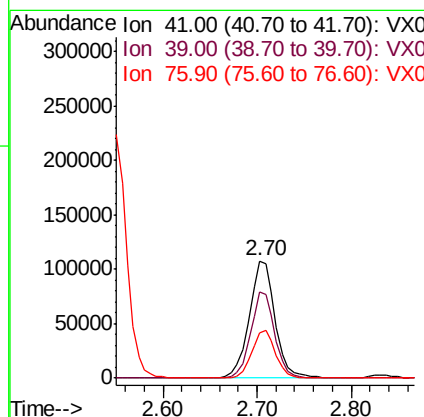
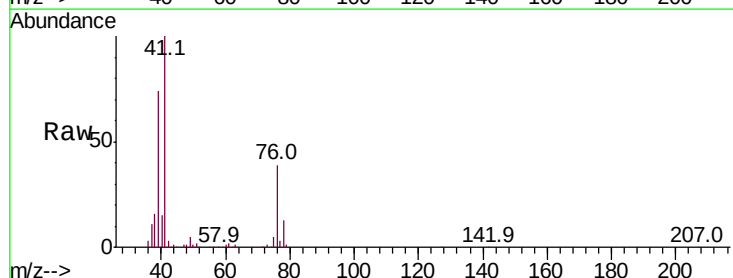
Tgt Ion: 41 Resp: 206402

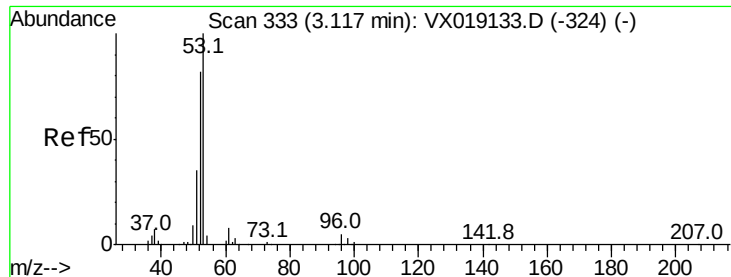
Ion Ratio Lower Upper

41 100

39 68.3 55.2 82.8

76 37.6 31.5 47.3





#15

Acrylonitrile

Concen: 269.072 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

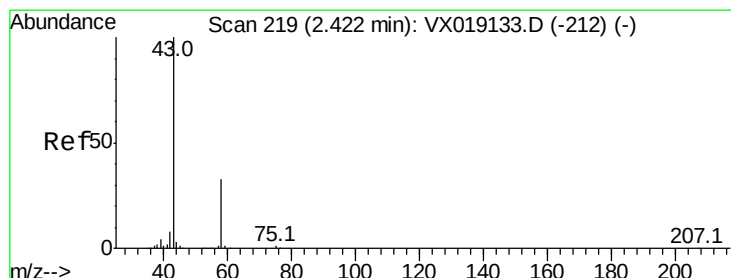
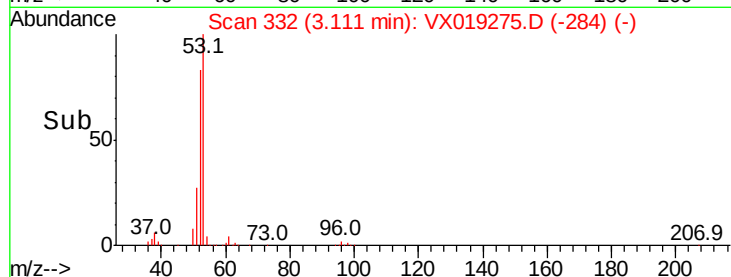
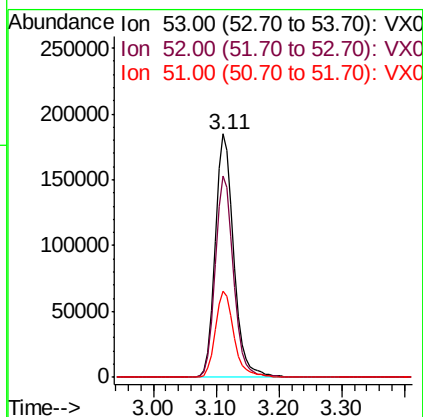
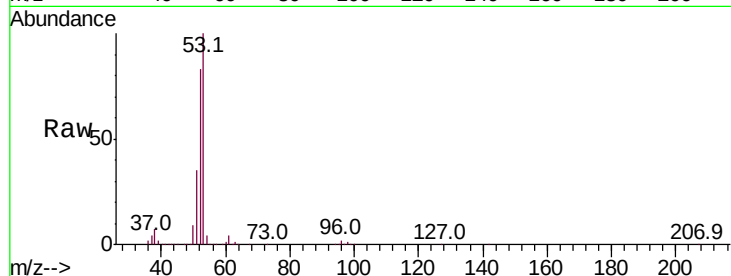
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	376068
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.7	98.5
51	35.6	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 268.049 ug/l

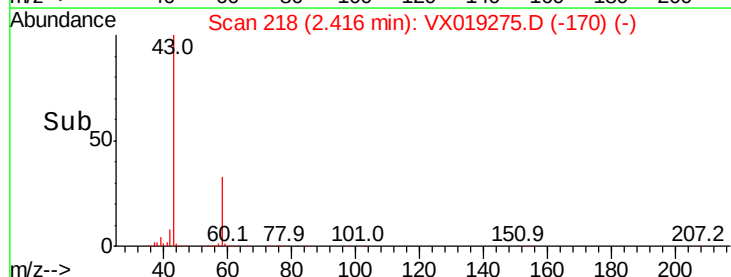
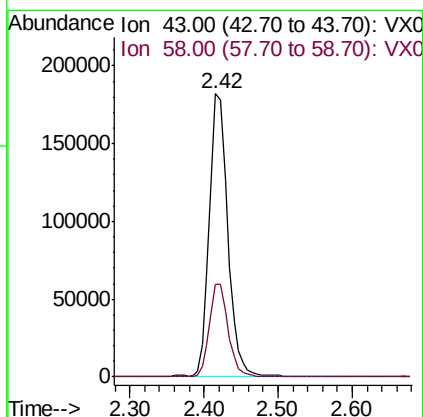
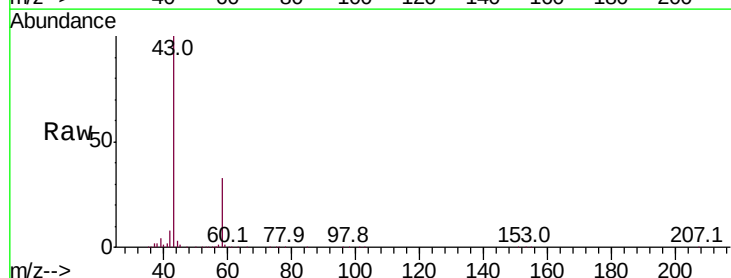
RT: 2.42 min Scan# 218

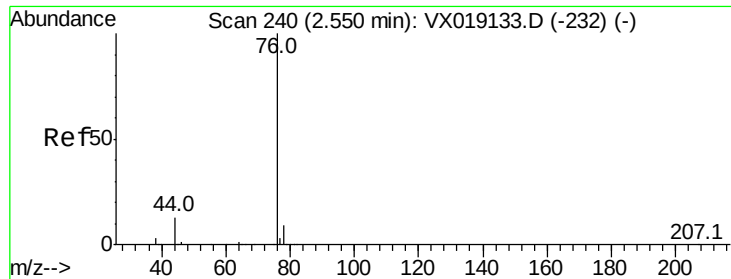
Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Tgt Ion:	43	Resp:	311396
Ion	Ratio	Lower	Upper
43	100		
58	32.9	26.3	39.5





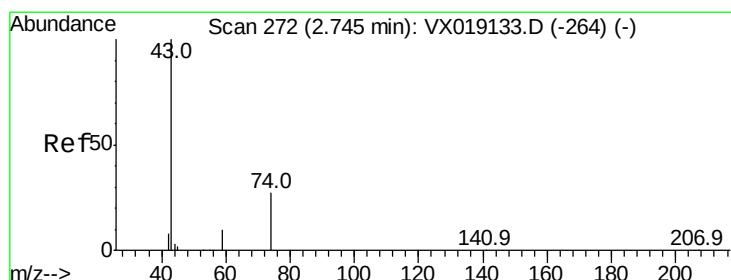
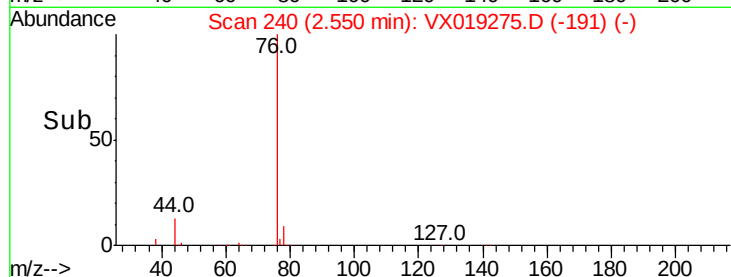
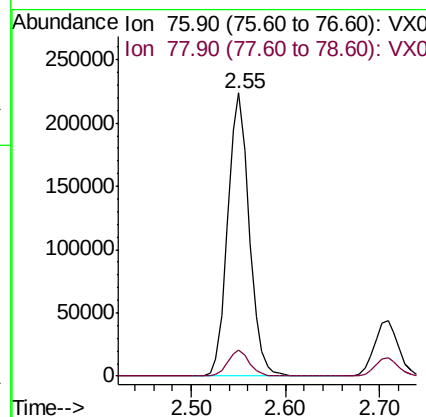
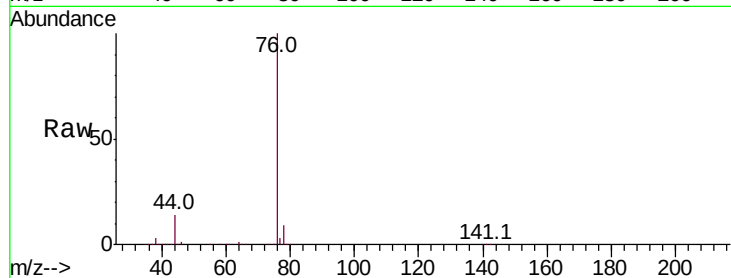
#17
Carbon Disulfide
Concen: 49.097 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

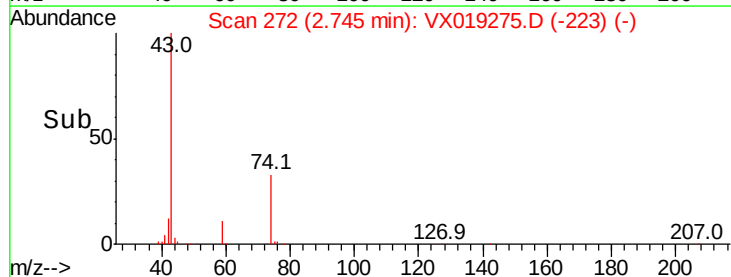
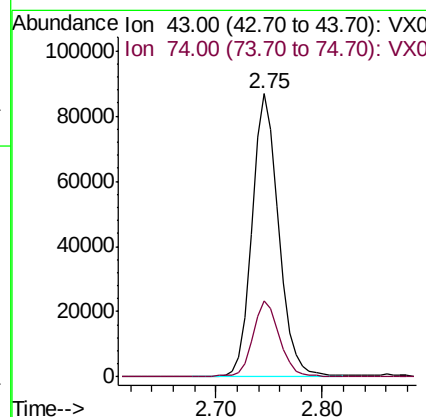
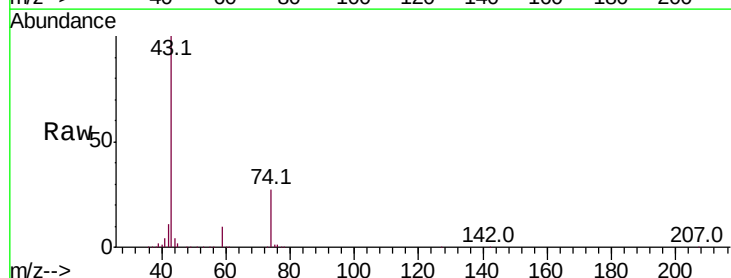
Manual Integrations
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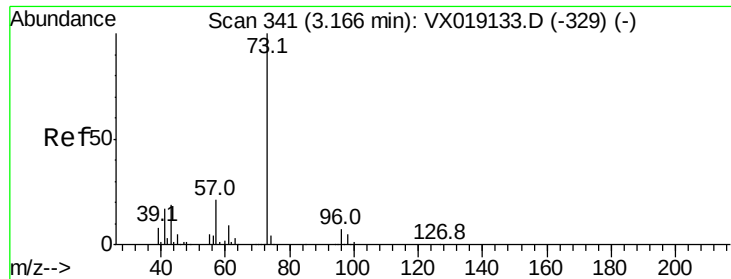
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#18
Methyl Acetate
Concen: 53.679 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	22.6	33.8





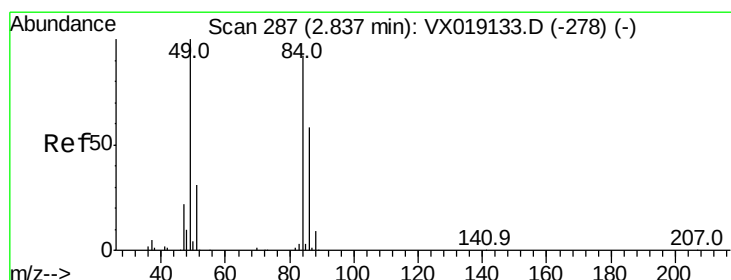
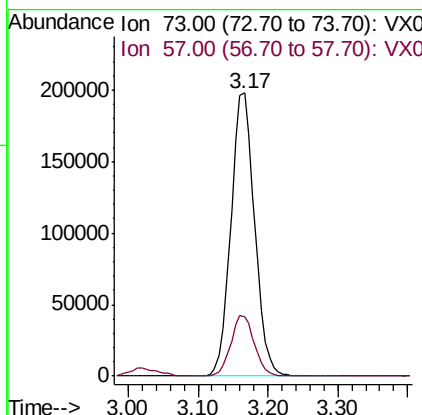
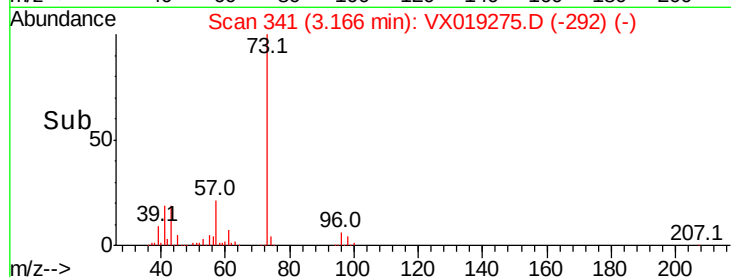
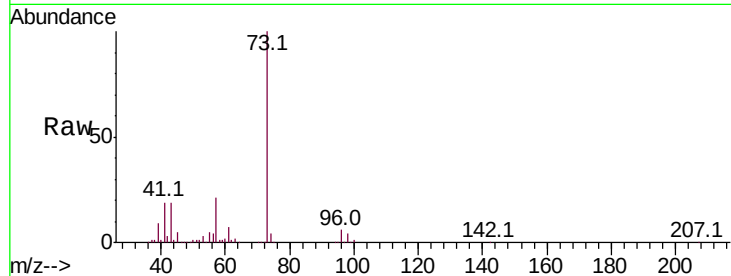
#19
Methyl tert-butyl Ether
Concen: 53.049 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 465177
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0

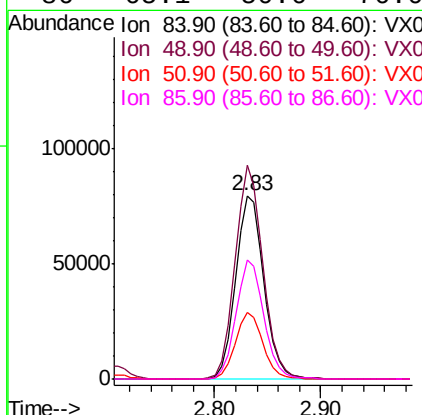
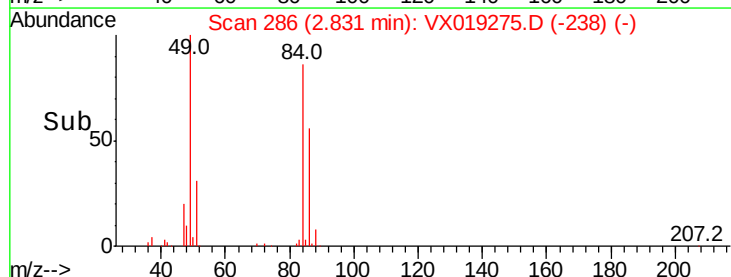
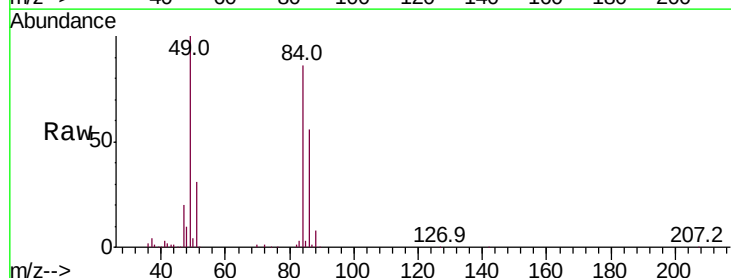
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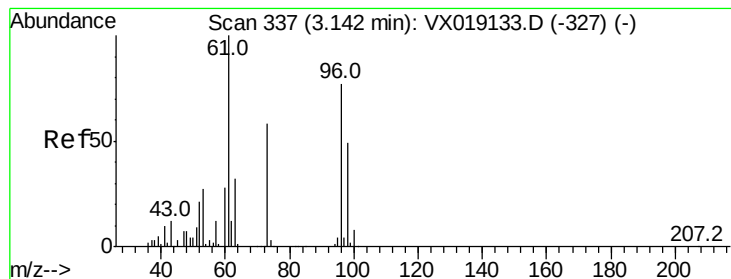
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#20
Methylene Chloride
Concen: 50.722 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion: 84 Resp: 147932
Ion Ratio Lower Upper
84 100
49 116.4 86.8 130.2
51 36.0 27.3 40.9
86 65.1 50.6 76.0





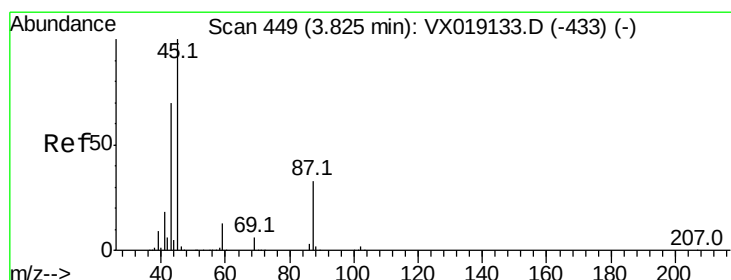
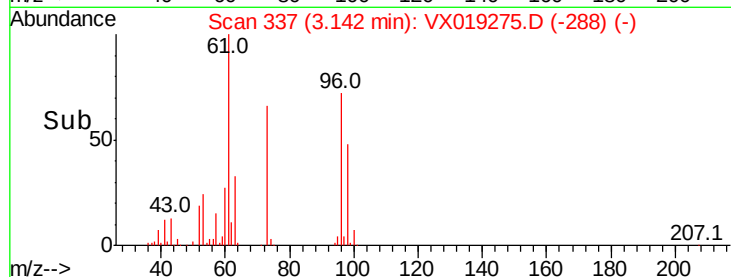
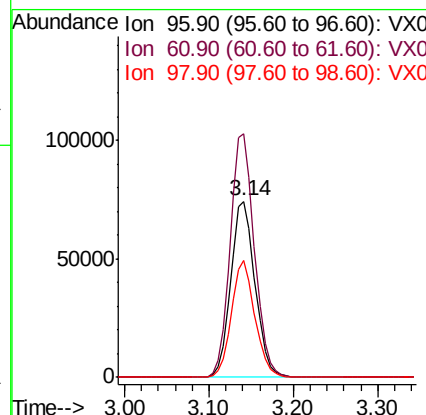
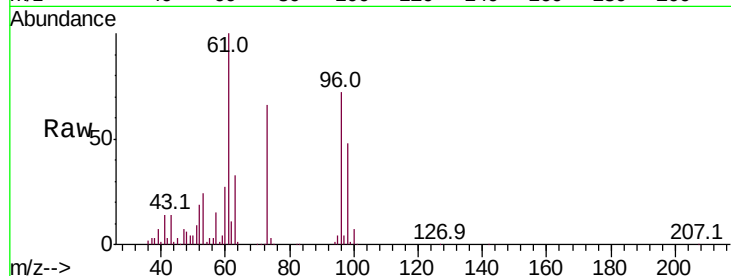
#21
trans-1,2-Dichloroethene
Concen: 50.086 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.1	104.2	156.4
98	66.3	51.3	76.9

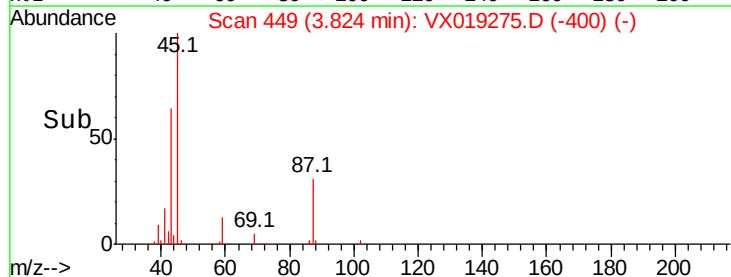
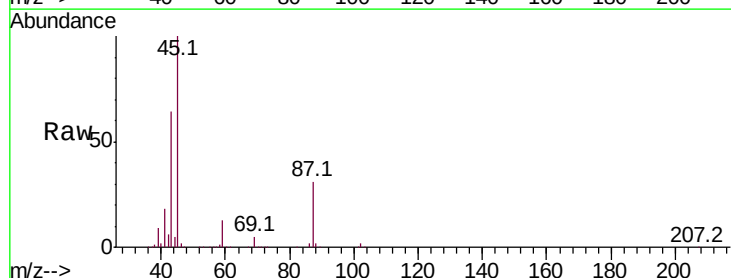
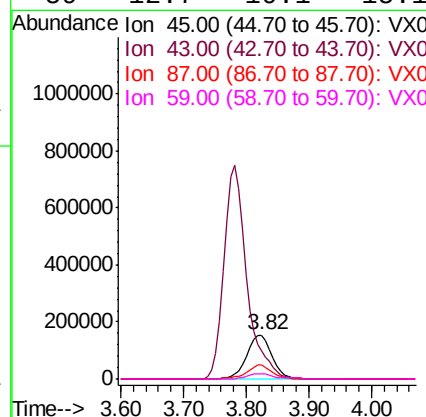
Manual Integrations
APPROVED

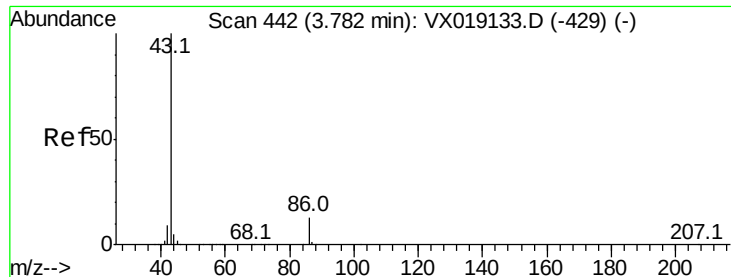
MMDadoda
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#22
Diisopropyl ether
Concen: 56.229 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.8	56.2	84.4
87	31.4	26.2	39.2
59	12.7	10.1	15.1





#23

Vinyl Acetate

Concen: 278.219 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1896030

Ion Ratio Lower Upper

43 100

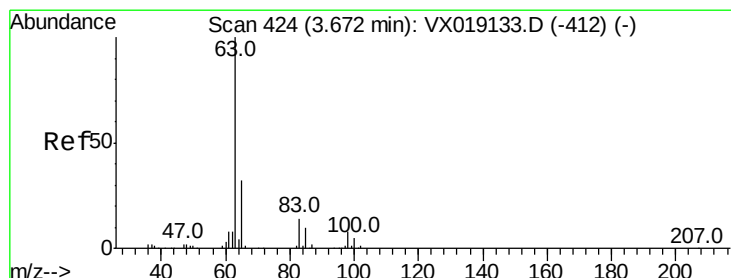
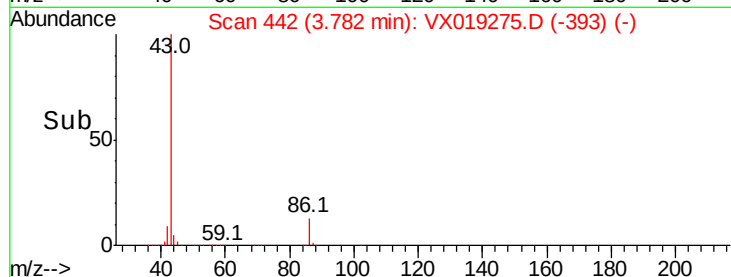
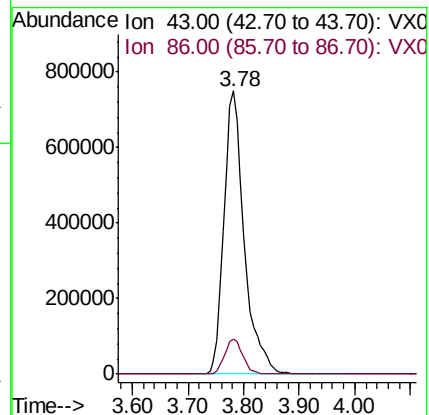
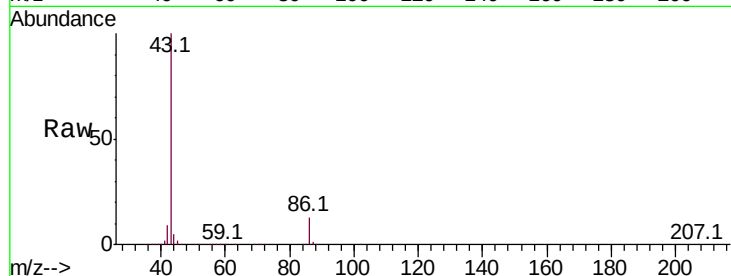
86 12.5 10.4 15.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 54.324 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

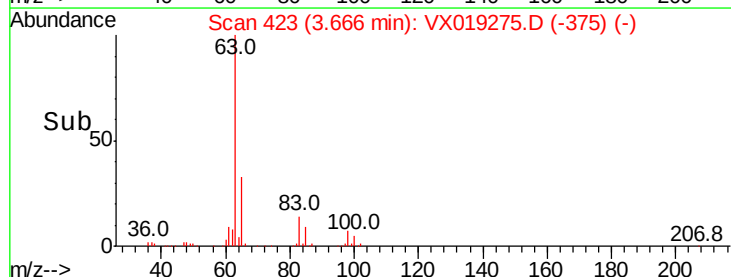
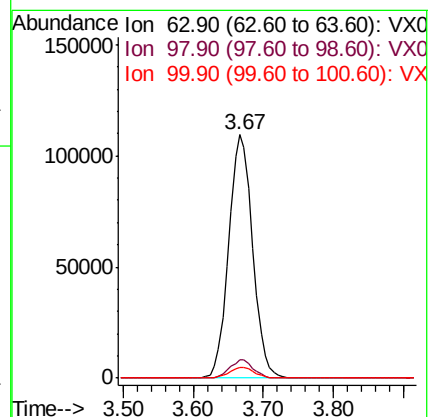
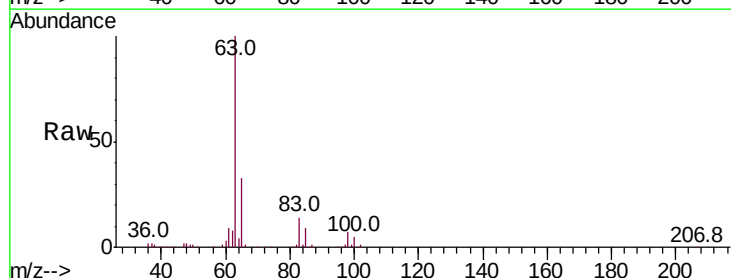
Tgt Ion: 63 Resp: 259204

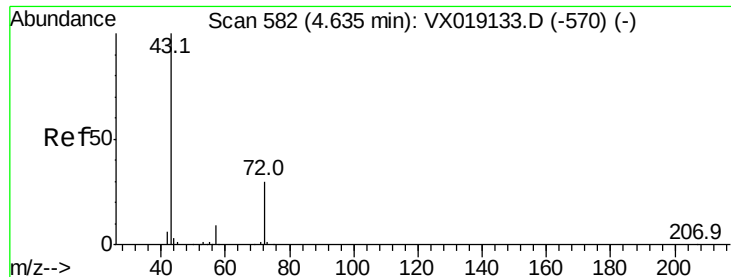
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 273.664 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 501040

Ion Ratio Lower Upper

43 100

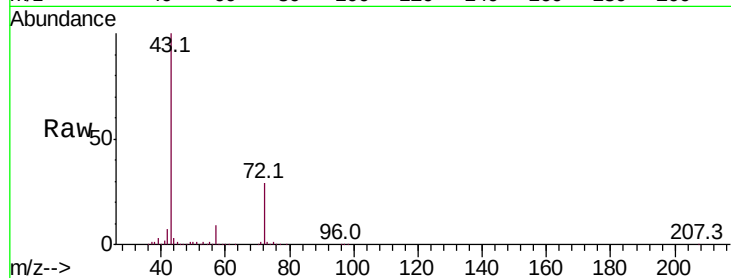
72 28.4 24.6 36.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

100000

50000

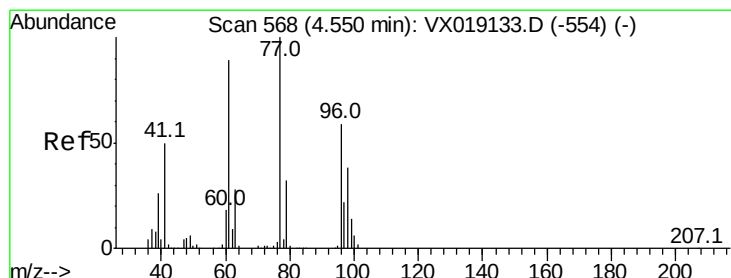
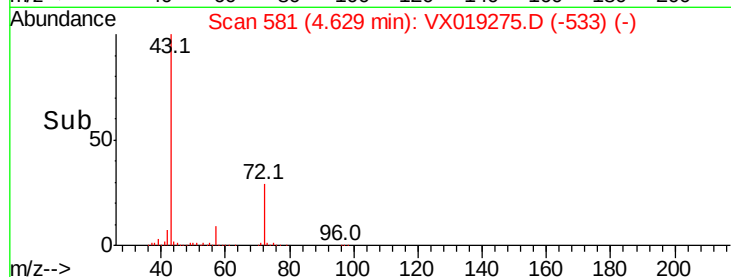
0

4.50

4.60

4.70

Time-->



#26

2,2-Dichloropropane

Concen: 53.584 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019275.D

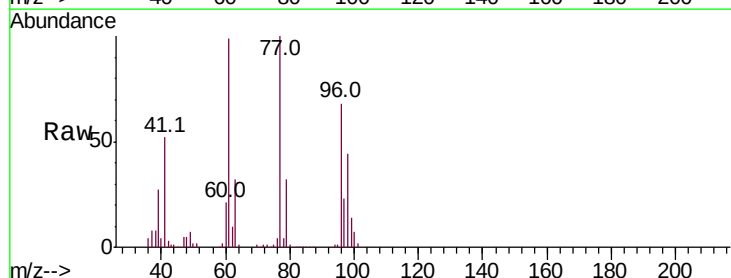
Acq: 04 Nov 2020 17:18

Tgt Ion: 77 Resp: 240357

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

40000

20000

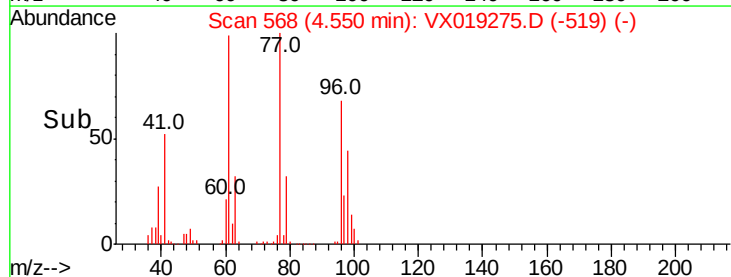
0

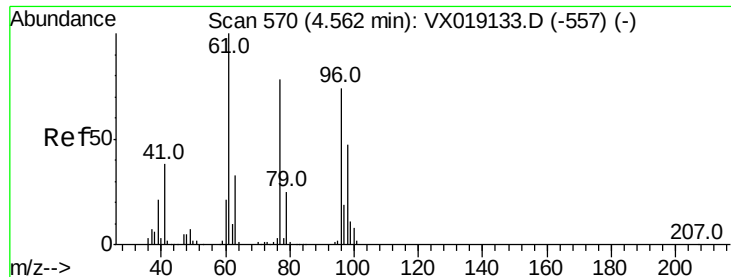
4.40

4.60

4.80

Time-->





#27

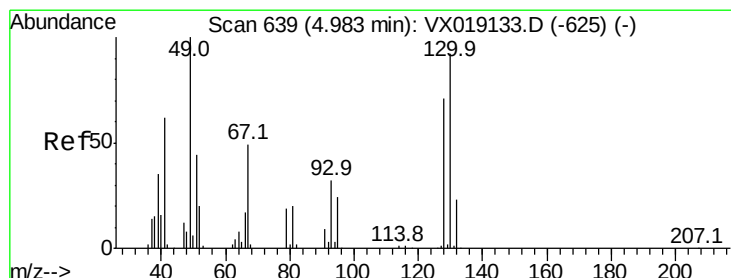
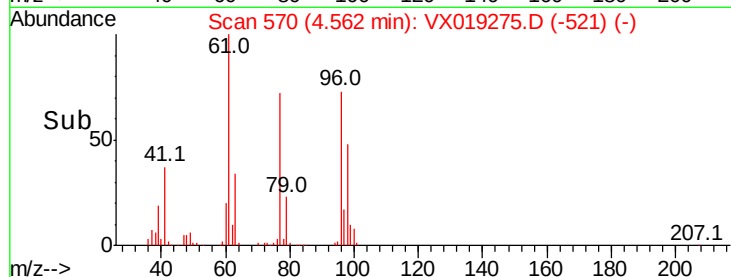
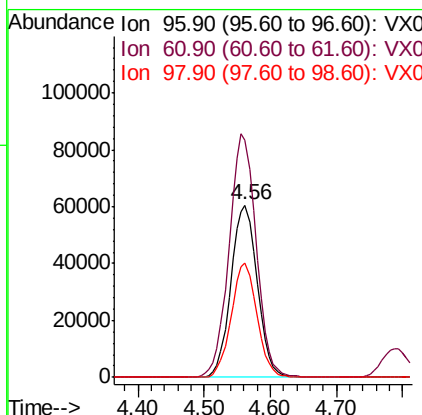
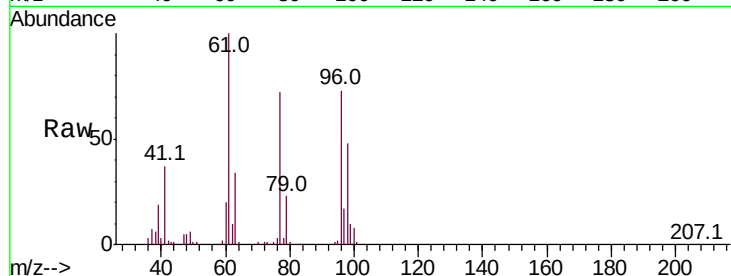
cis-1,2-Dichloroethene
Concen: 51.642 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	168083		
61	144.4	0.0	278.8	
98	64.5	0.0	130.2	

Manual Integrations
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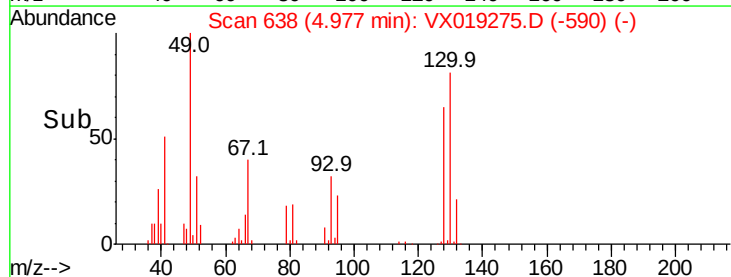
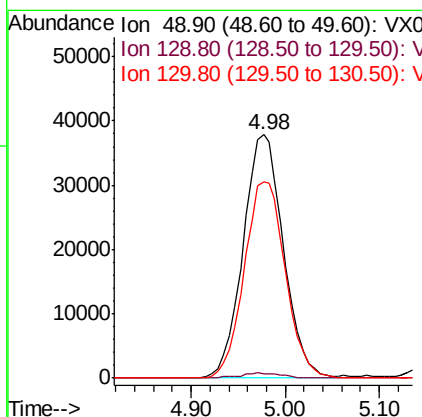
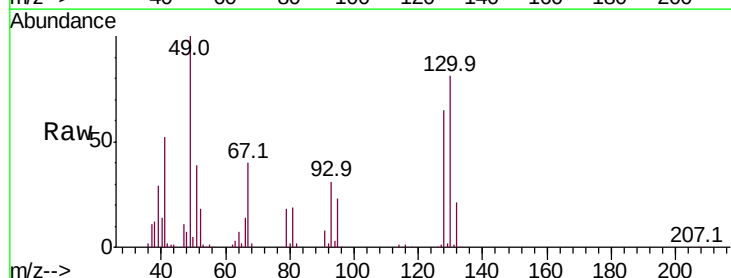
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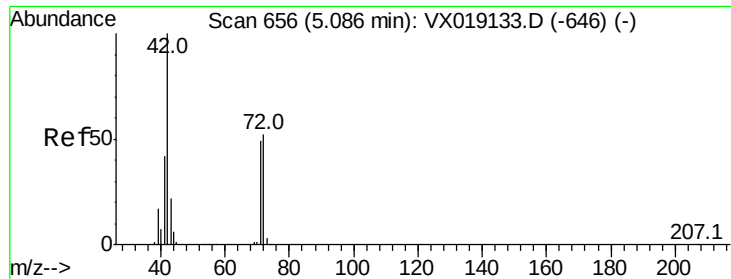


#28

Bromochloromethane
Concen: 52.194 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	113217		
129	2.2	0.0	4.4	
130	82.6	71.3	106.9	





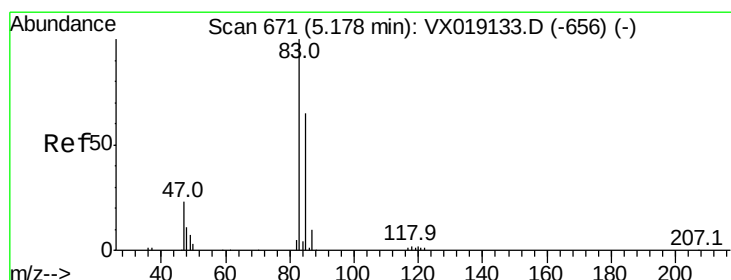
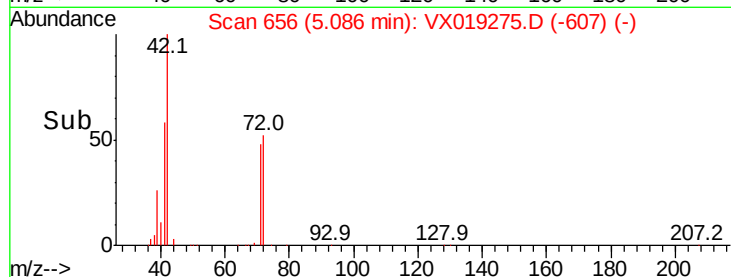
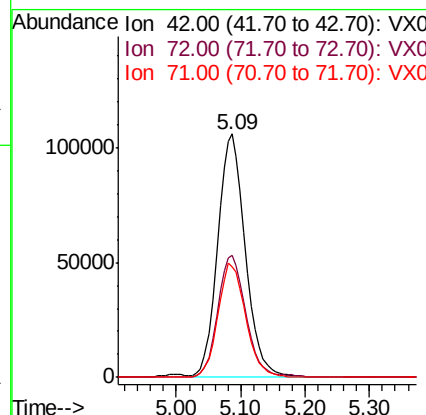
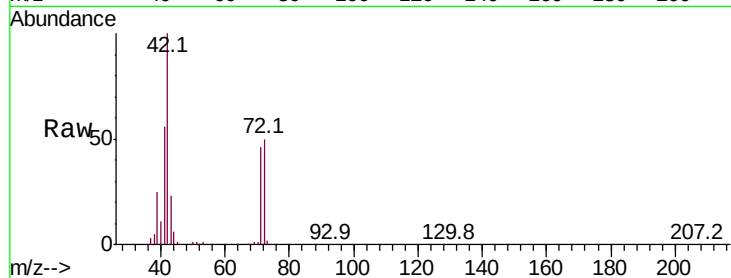
#29
Tetrahydrofuran
Concen: 275.507 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	51.8	42.6	63.8
71	47.4	39.7	59.5

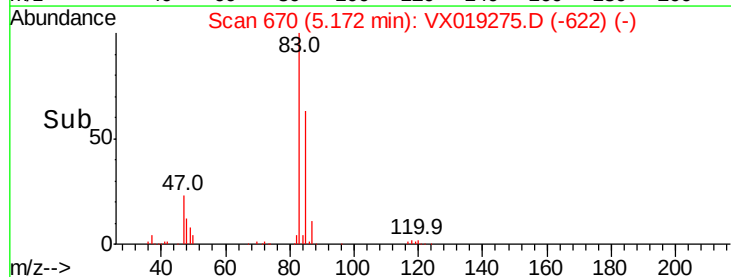
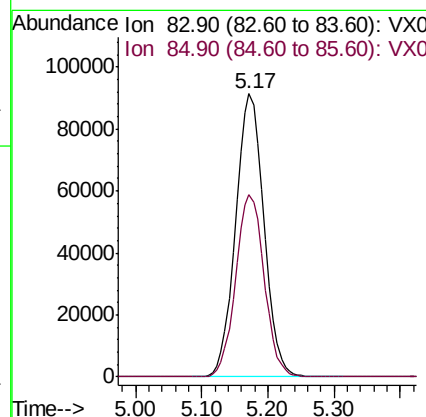
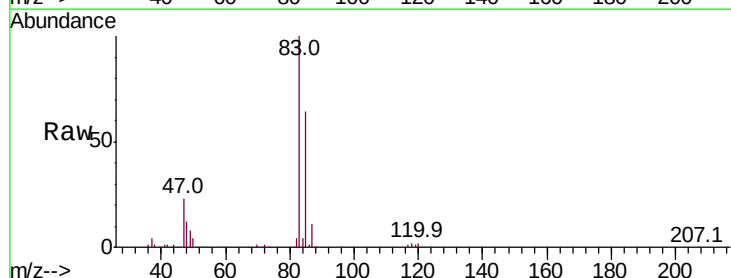
Manual Integrations
APPROVED

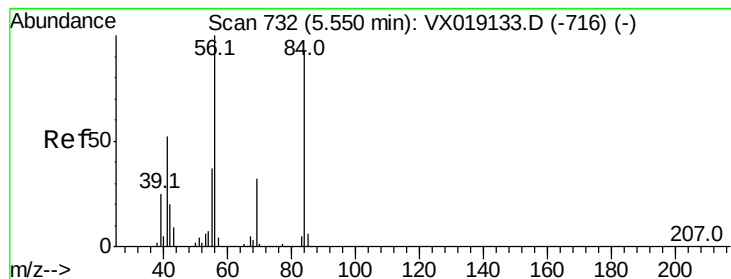
MMDadoda
11/5/2020 7:02:24 PM



#30
Chloroform
Concen: 53.340 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.9	77.9





#31

Cyclohexane

Concen: 53.286 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 226822

Ion Ratio Lower Upper

56 100

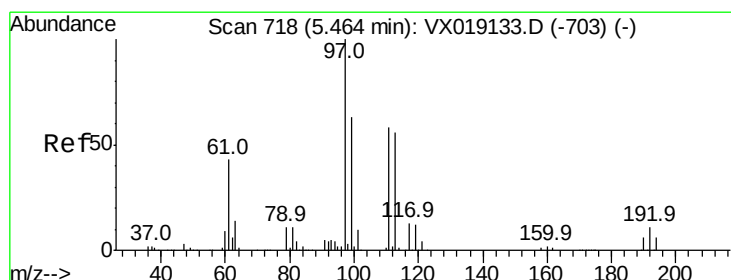
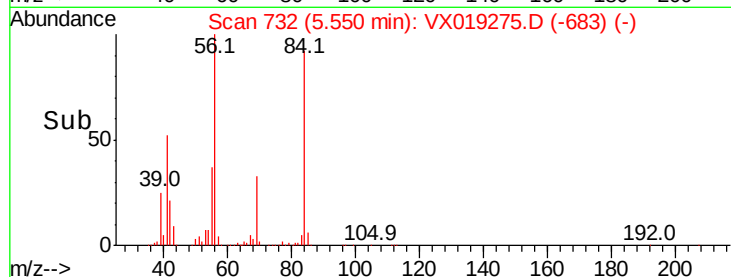
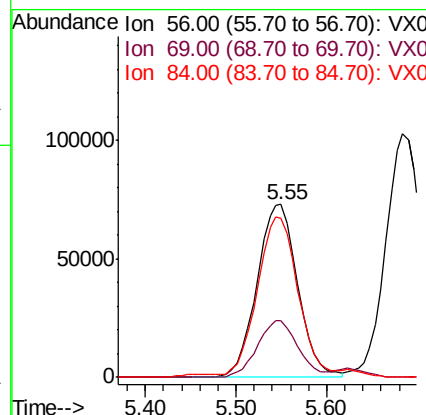
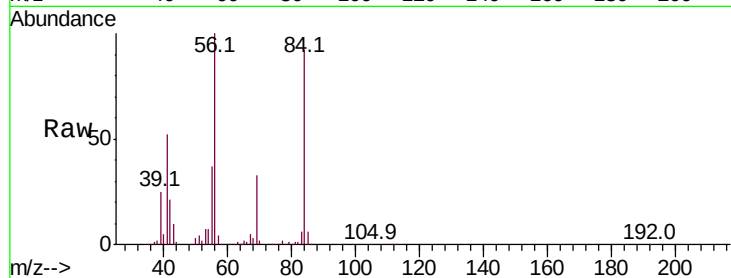
69 32.5 25.9 38.9

84 90.4 73.4 110.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.568 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

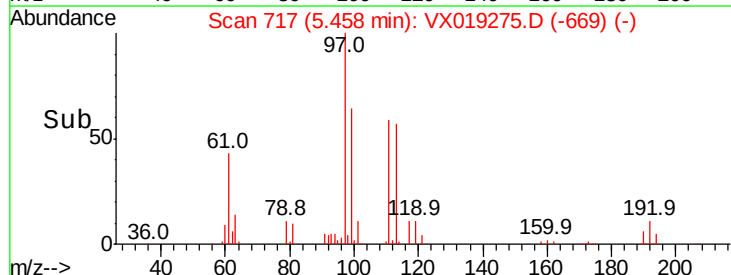
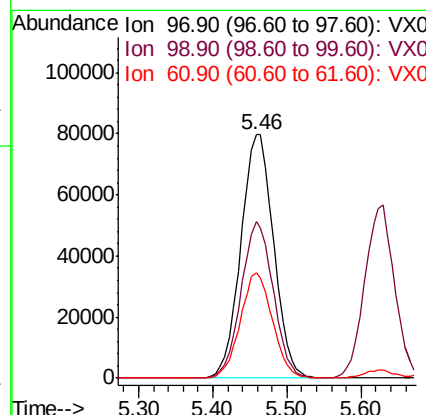
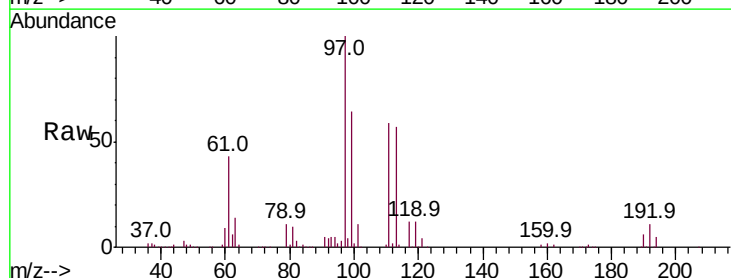
Tgt Ion: 97 Resp: 246658

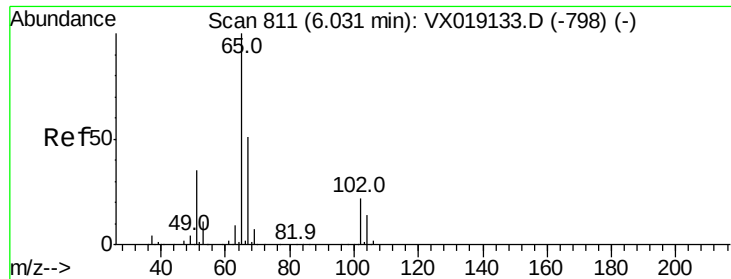
Ion Ratio Lower Upper

97 100

99 62.9 51.7 77.5

61 42.5 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 48.660 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

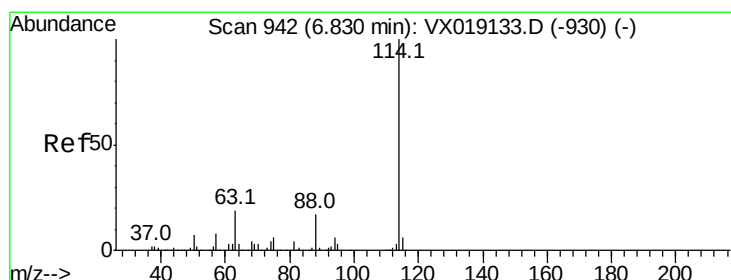
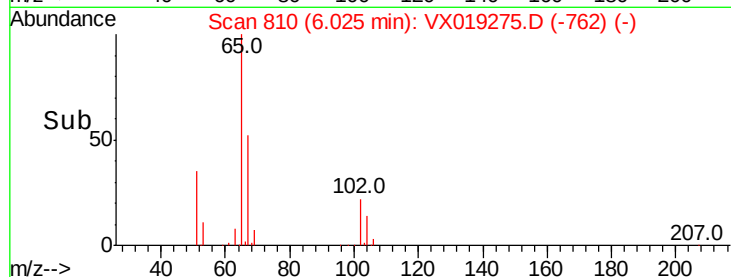
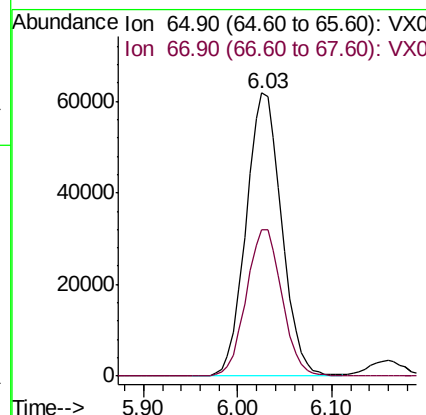
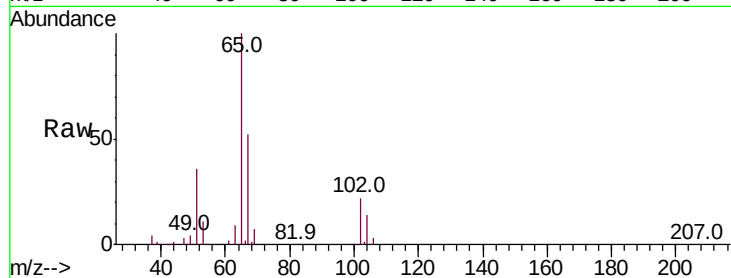
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 163861

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.0

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

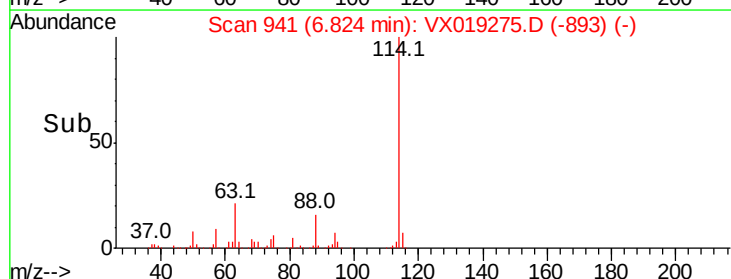
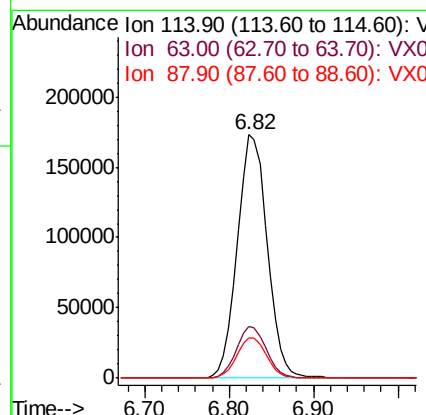
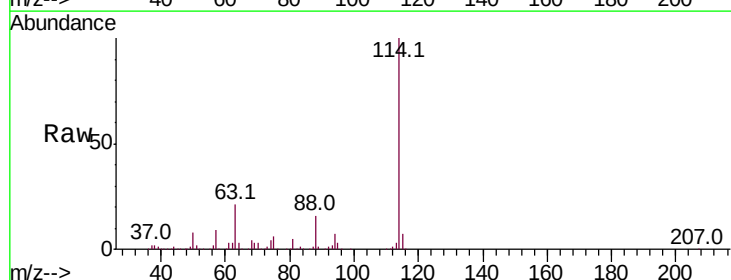
Delta R.T. -0.01 min

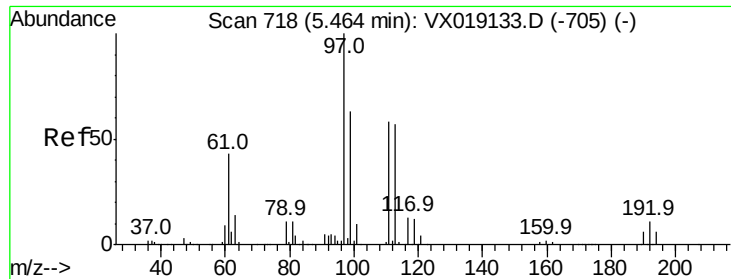
Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Tgt Ion: 114 Resp: 416473

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	38.8
88	16.3	0.0	34.2





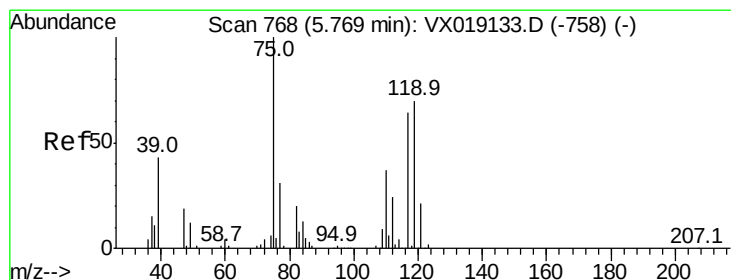
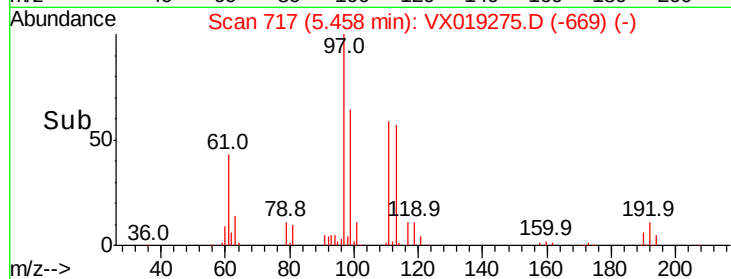
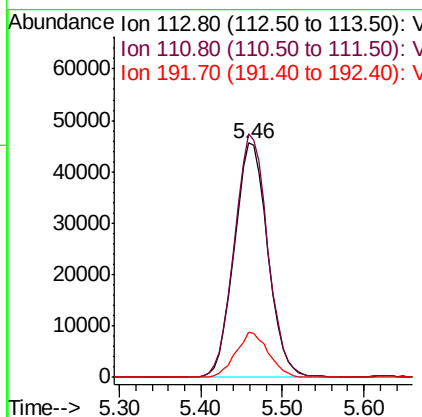
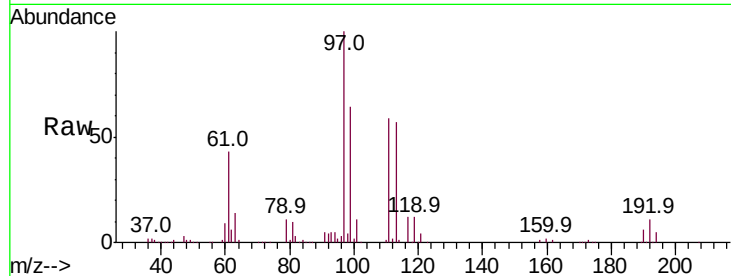
#35
 Dibromofluoromethane
 Concen: 49.773 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	130207		
111	103.3	82.3	123.5	
192	18.7	16.2	24.2	

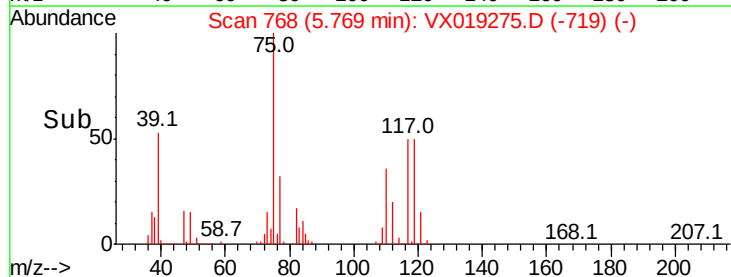
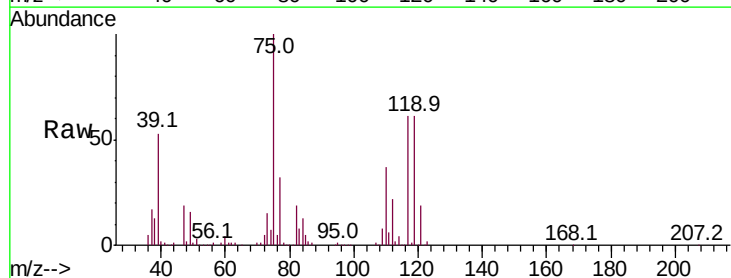
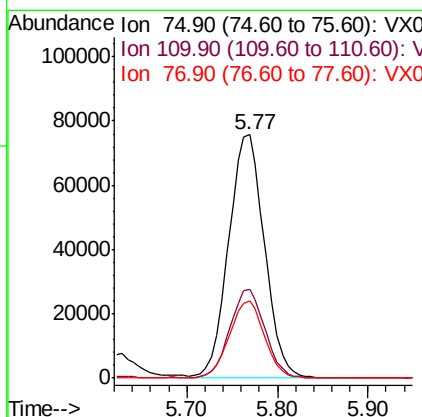
Manual Integrations
 APPROVED

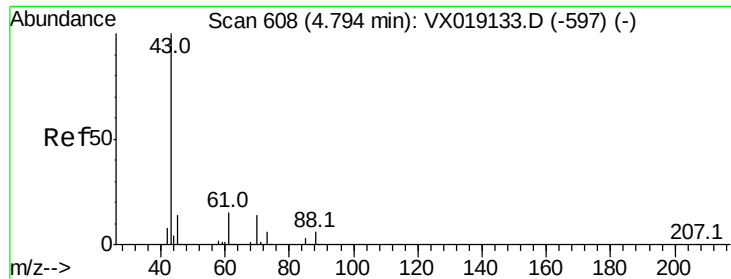
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 53.667 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	206392		
110	36.0	18.3	54.9	
77	31.2	24.9	37.3	





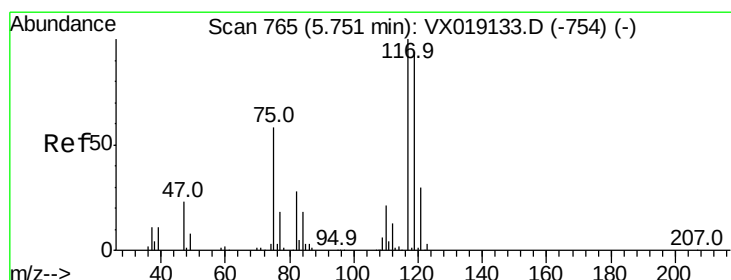
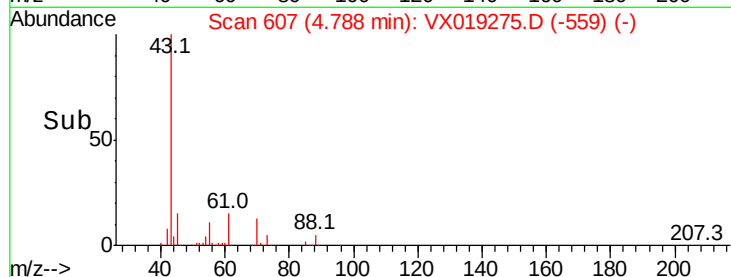
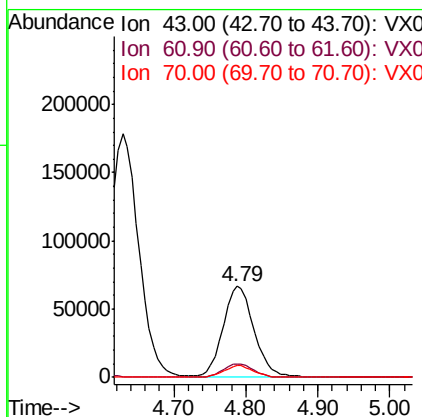
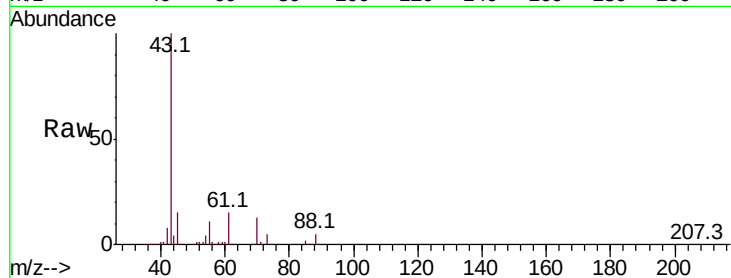
#37
Ethyl Acetate
Concen: 55.402 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	197825		
61	15.4		12.5	18.7
70	12.3		10.5	15.7

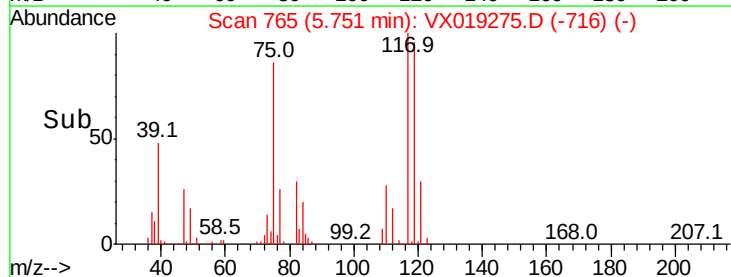
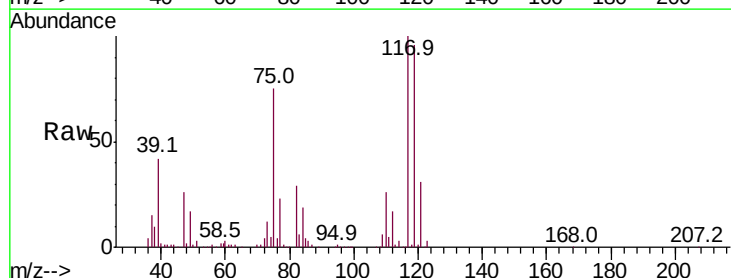
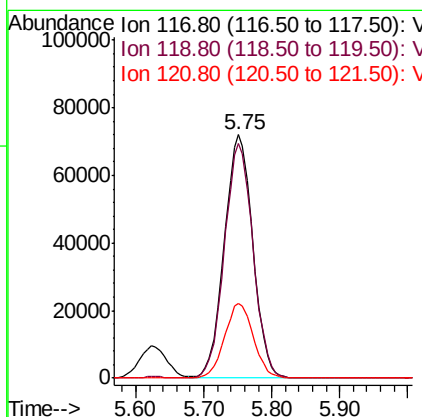
Manual Integrations
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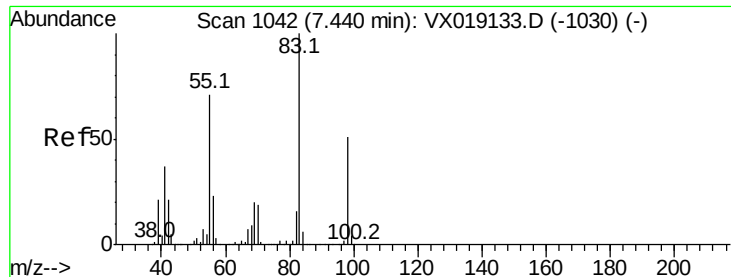
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#38
Carbon Tetrachloride
Concen: 53.352 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	209141		
119	96.1		75.0	112.6
121	30.7		23.9	35.9





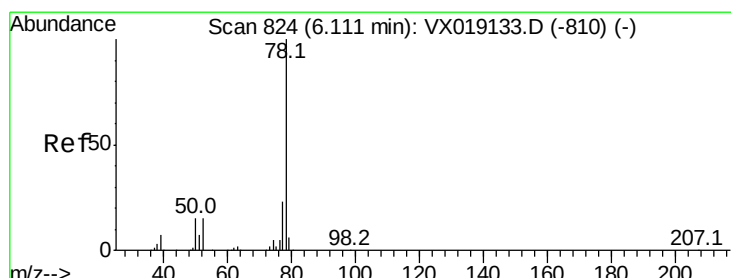
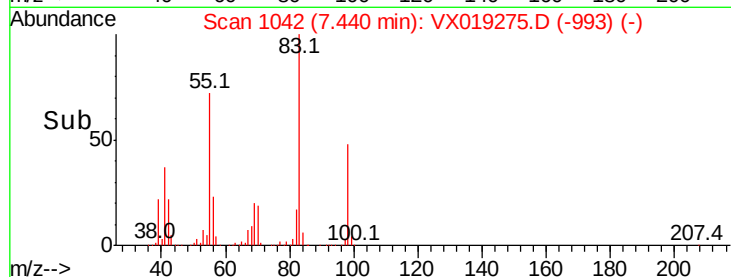
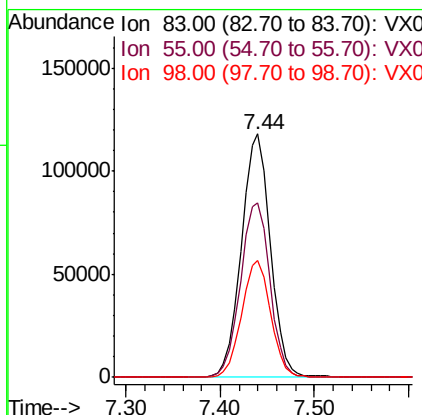
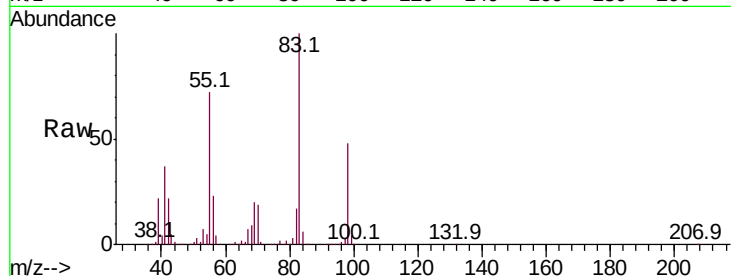
#39
Methylcyclohexane
Concen: 55.410 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.8	57.0	85.6
98	48.2	40.5	60.7

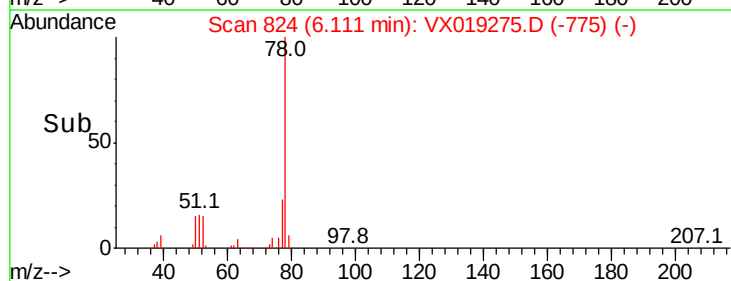
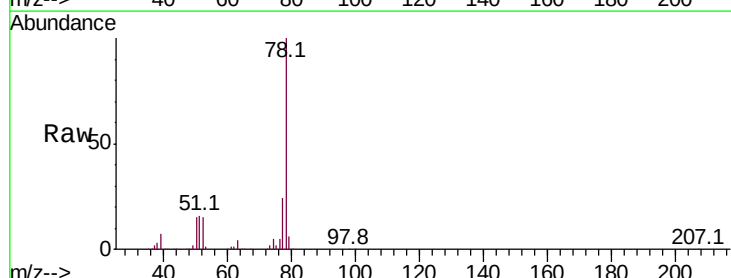
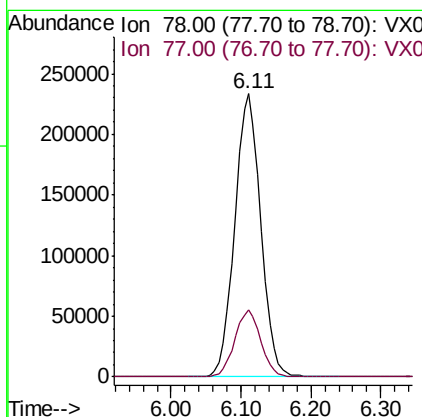
Manual Integrations
APPROVED

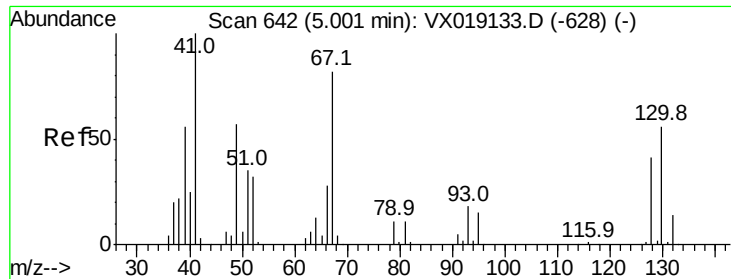
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#40
Benzene
Concen: 55.173 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.7	28.1





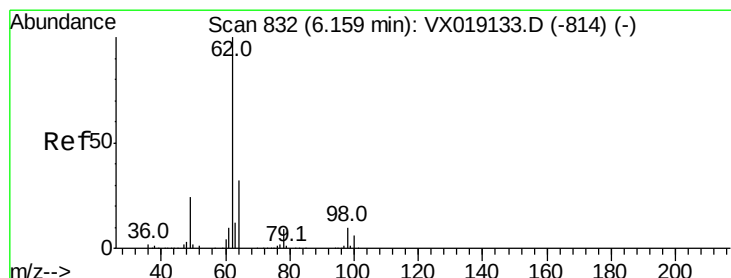
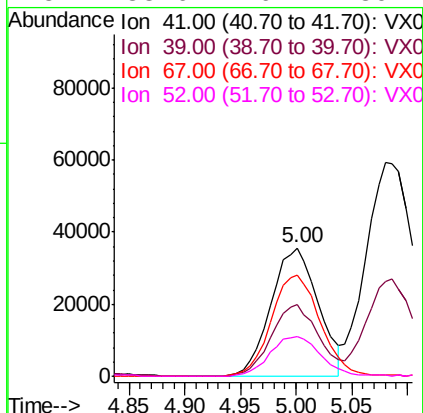
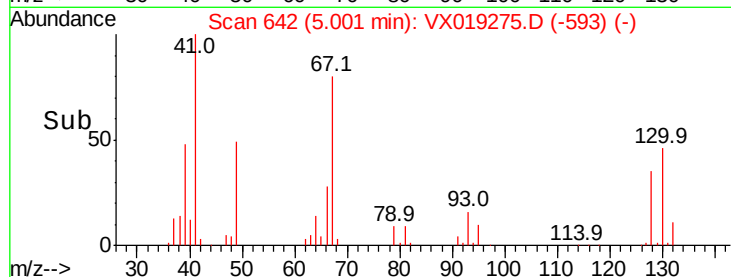
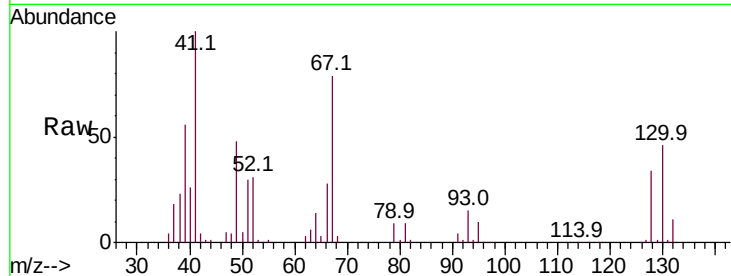
#41
Methacrylonitrile
Concen: 54.770 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.7	44.4	66.6	
67	82.3	66.4	99.6	
52	33.6	26.2	39.4	

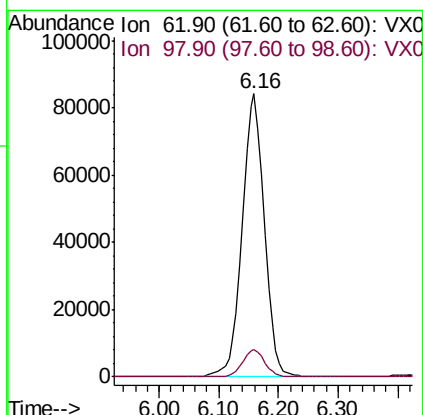
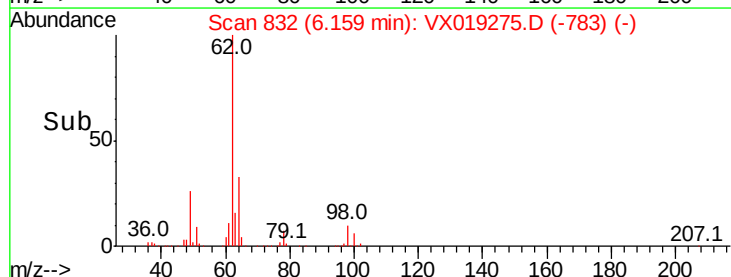
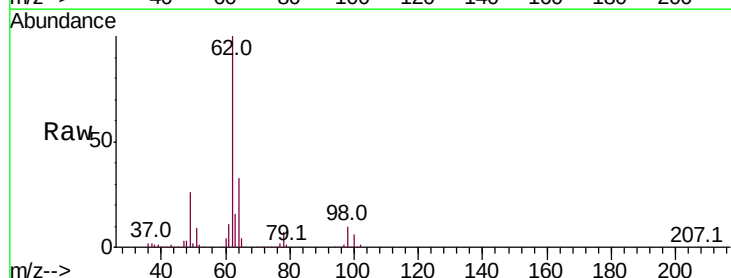
Manual Integrations
APPROVED

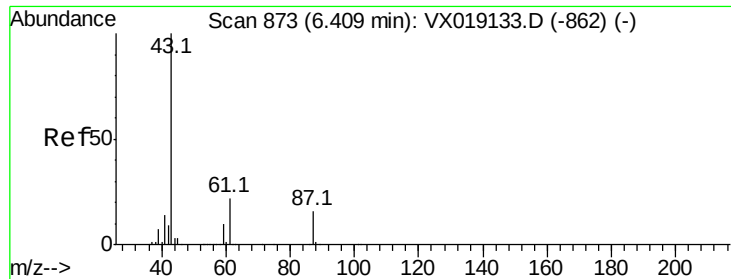
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#42
1,2-Dichloroethane
Concen: 54.500 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	19.0	





#43

Isopropyl Acetate

Concen: 54.805 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

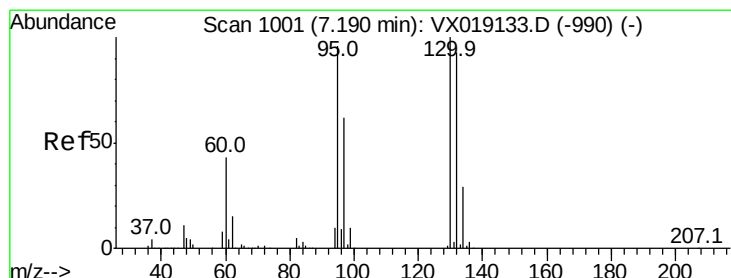
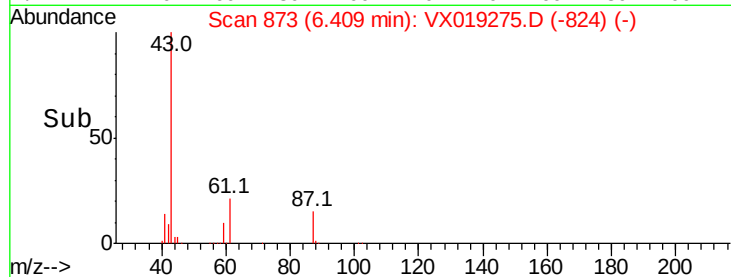
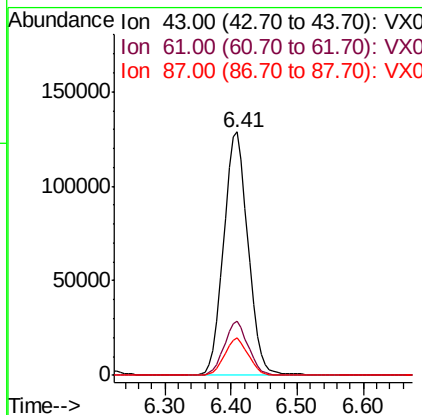
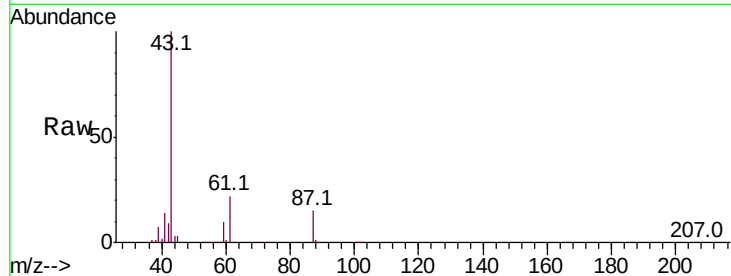
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	327673
Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.8	26.6
87	15.1	12.6	19.0

Manual Integrations
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#44

Trichloroethene

Concen: 52.347 ug/l

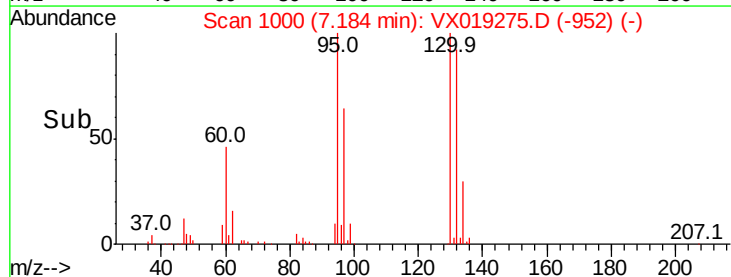
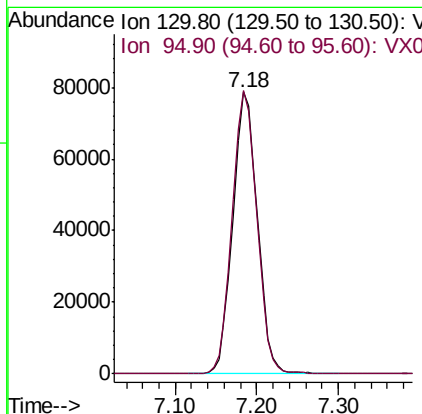
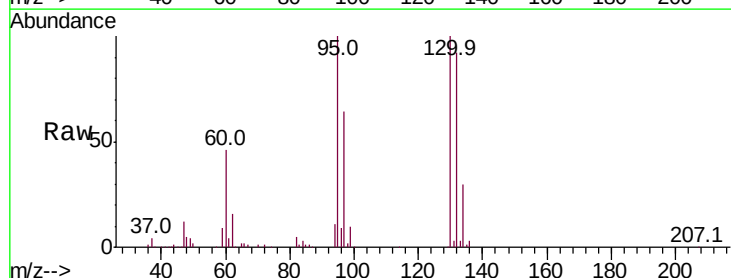
RT: 7.18 min Scan# 1000

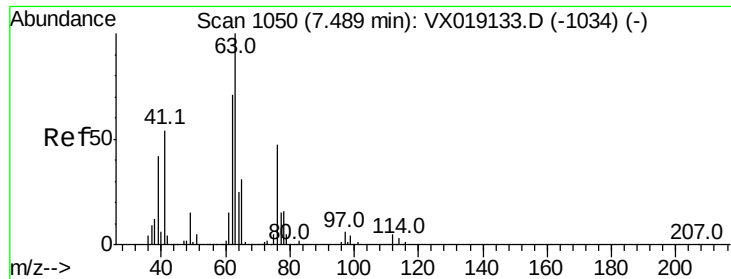
Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Tgt Ion:	130	Resp:	163473
Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	192.0





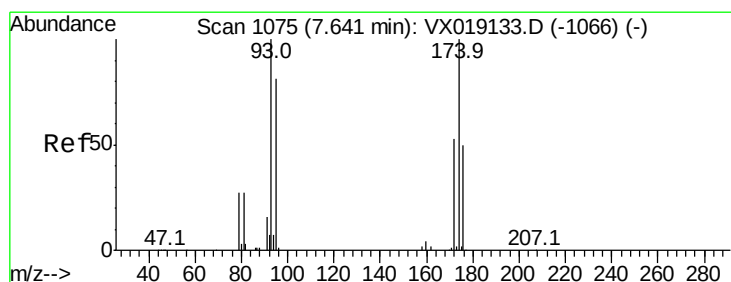
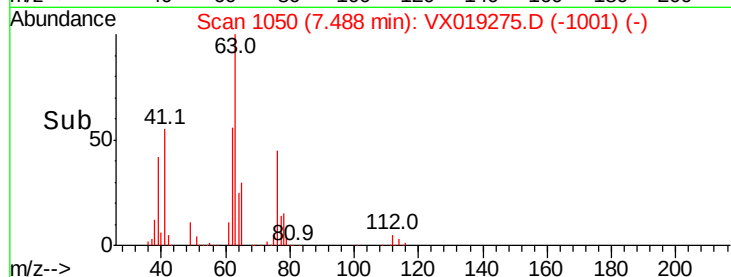
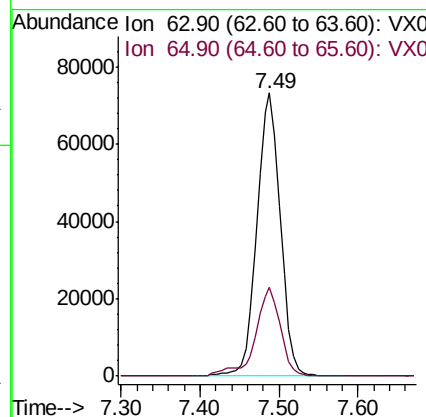
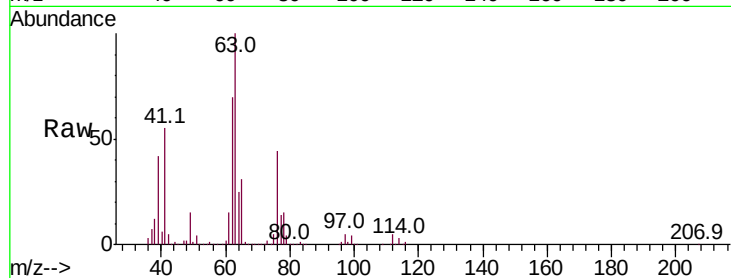
#45
 1,2-Dichloropropane
 Concen: 56.576 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 151102
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.2 37.8

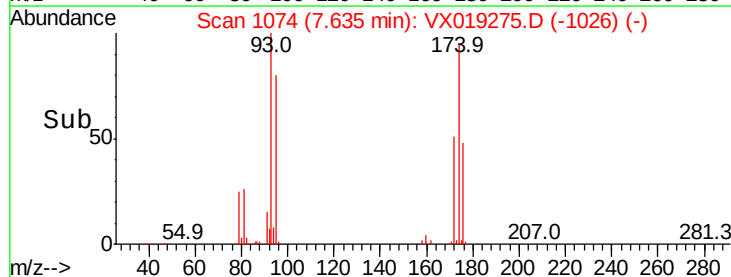
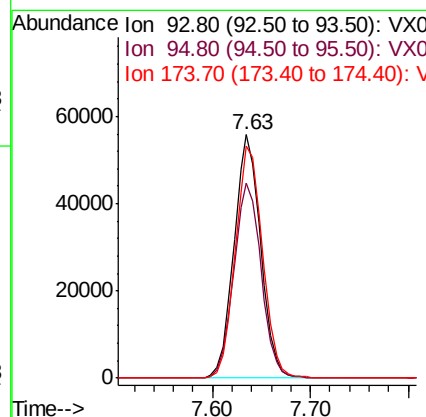
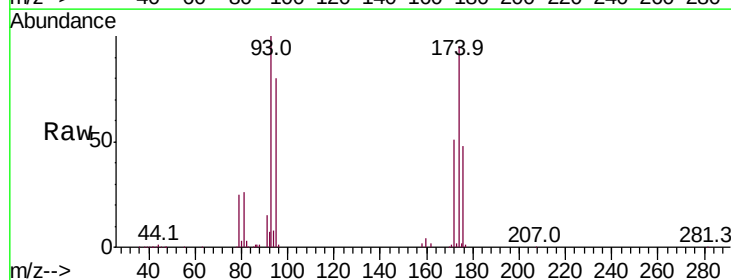
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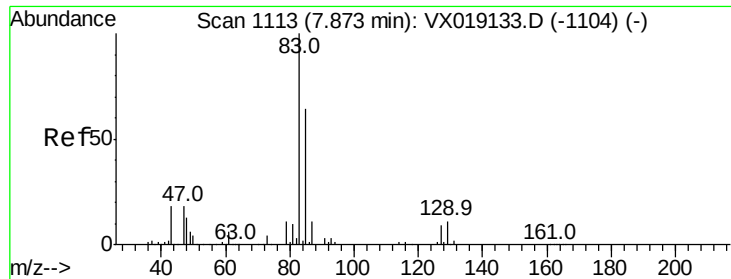
MMDadoda
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#46
 Dibromomethane
 Concen: 53.323 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Tgt Ion: 93 Resp: 105311
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.0 100.6
 174 97.5 81.7 122.5





#47

Bromodichloromethane

Concen: 55.473 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

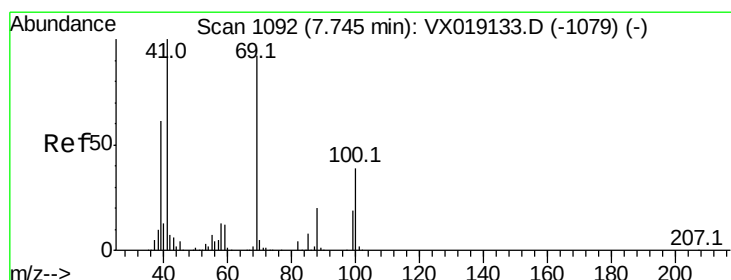
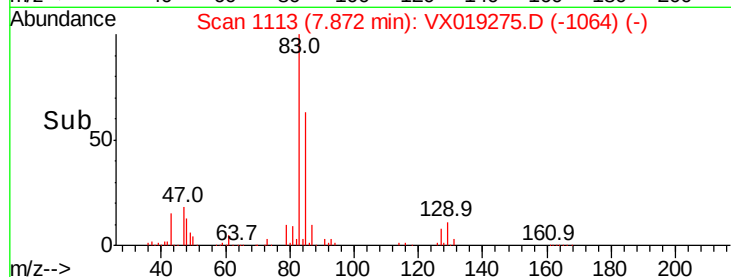
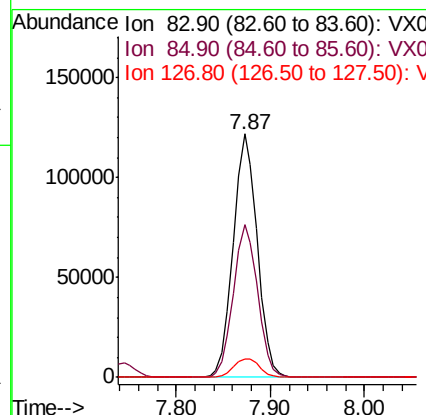
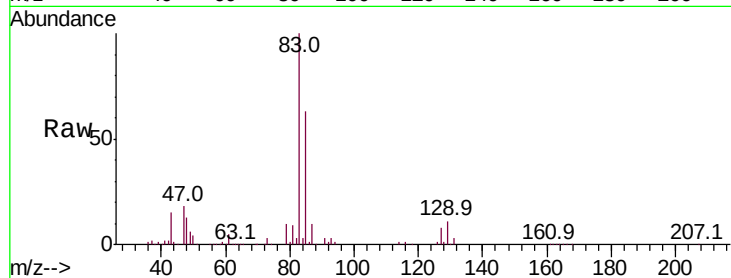
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	215942
Ion Ratio	Lower	Upper	
83	100		
85	62.8	51.2	76.8
127	7.5	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.901 ug/l

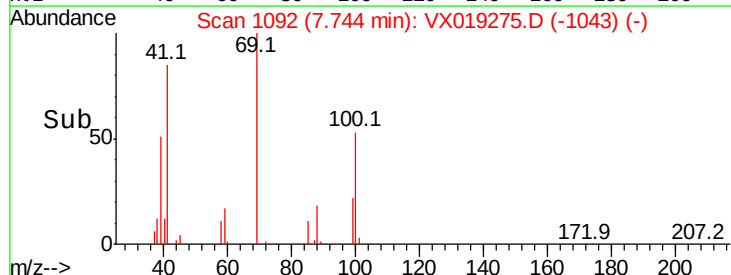
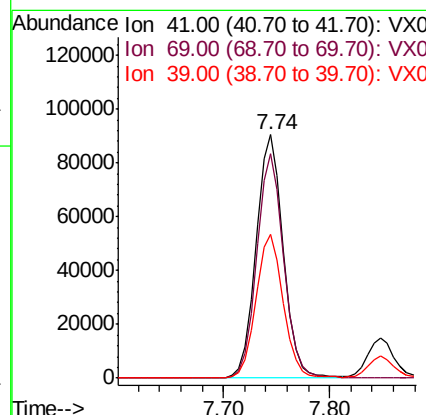
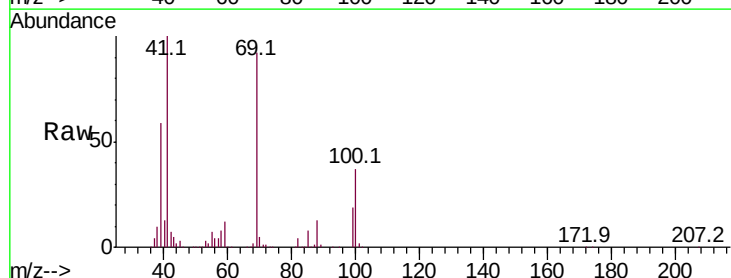
RT: 7.74 min Scan# 1092

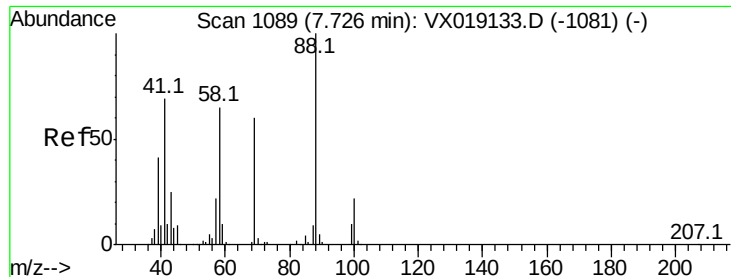
Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Tgt Ion:	41	Resp:	160869
Ion Ratio	Lower	Upper	
41	100		
69	92.0	75.5	113.3
39	59.4	48.9	73.3





#49

1,4-Dioxane

Concen: 1080.170 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

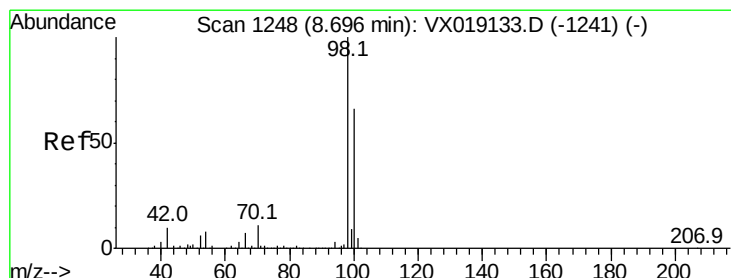
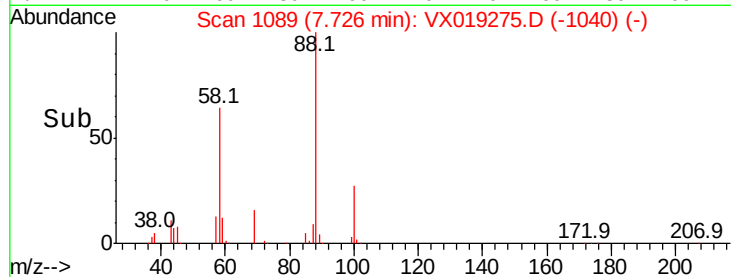
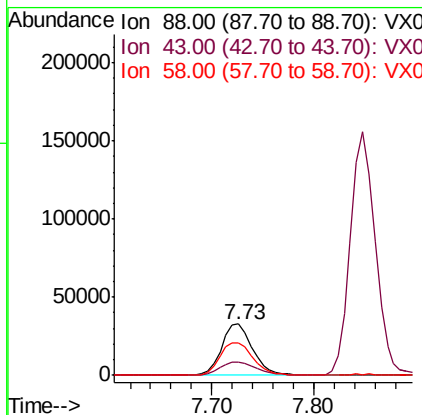
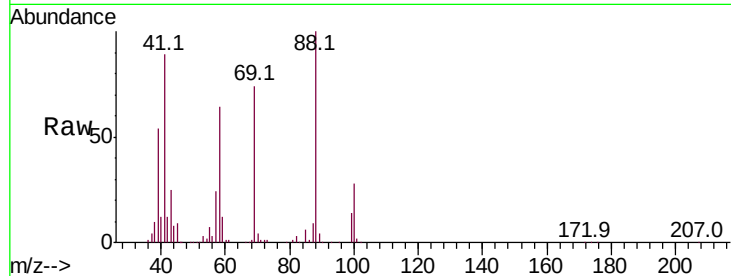
ClientSampleId :

VSTDCCC050

Tgt Ion:	88	Resp:	69128
Ion	Ratio	Lower	Upper
88	100		
43	29.9	23.0	34.6
58	69.2	52.2	78.2

Manual Integrations
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#50

Toluene-d8

Concen: 50.203 ug/l

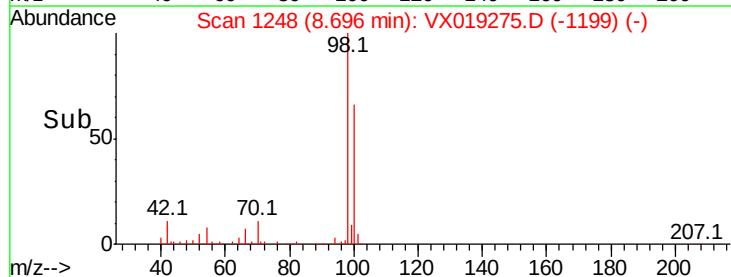
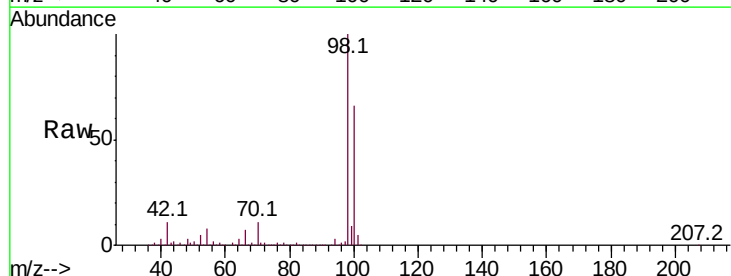
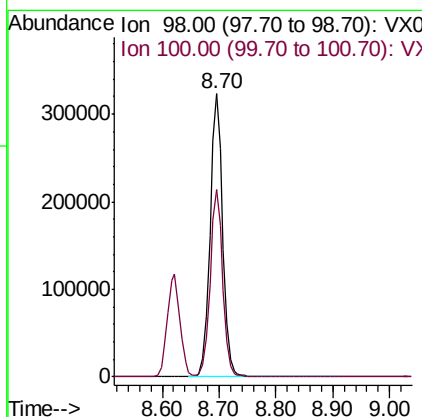
RT: 8.70 min Scan# 1248

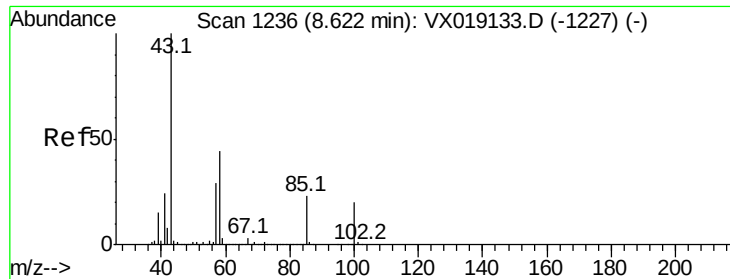
Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Tgt Ion:	98	Resp:	495078
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.6





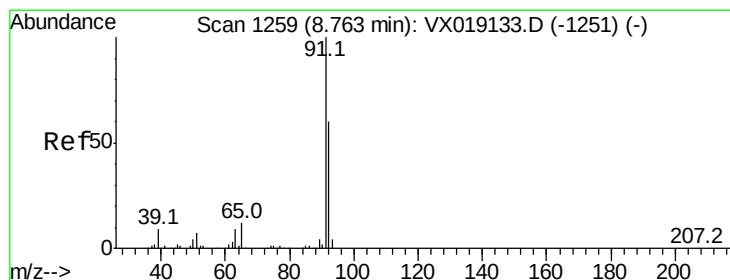
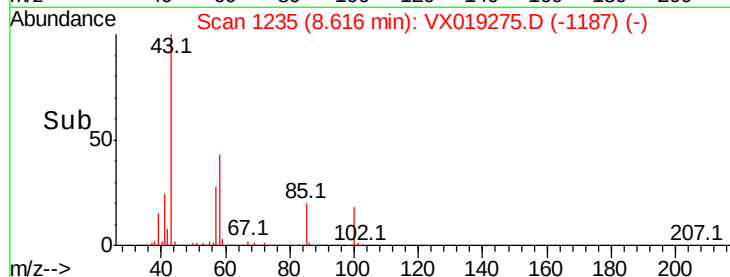
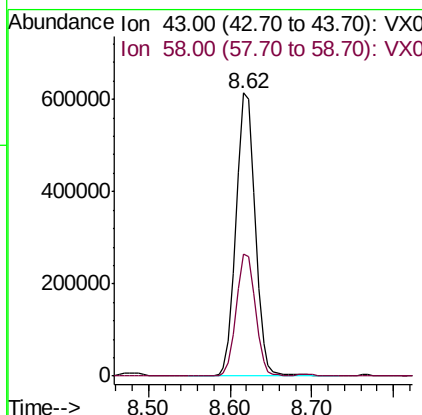
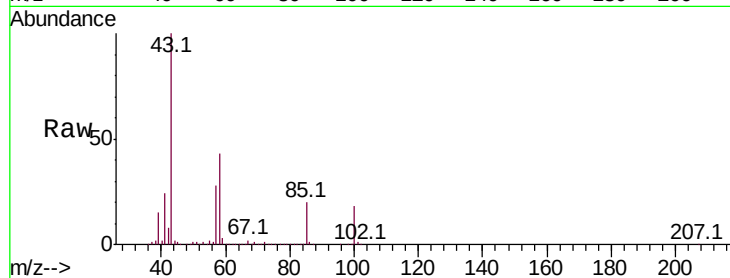
#51
4-Methyl-2-Pentanone
Concen: 287.706 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 988673
Ion Ratio Lower Upper
43 100
58 43.2 35.0 52.4

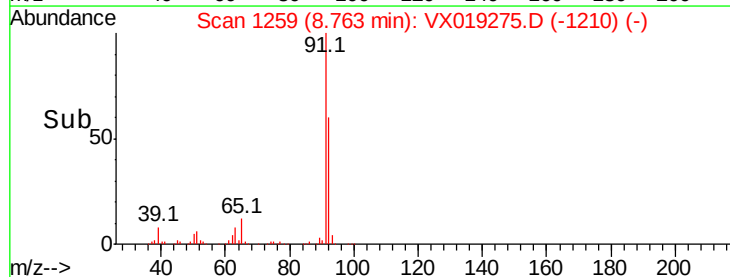
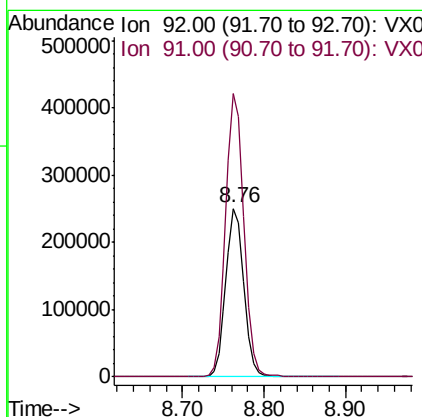
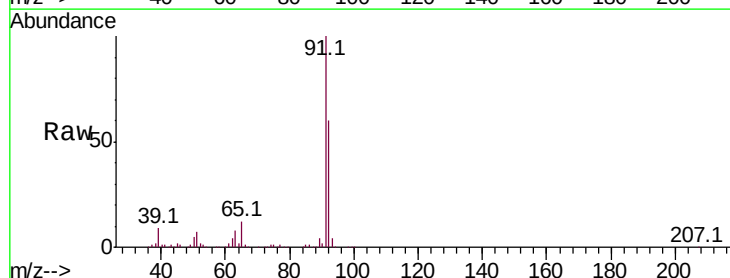
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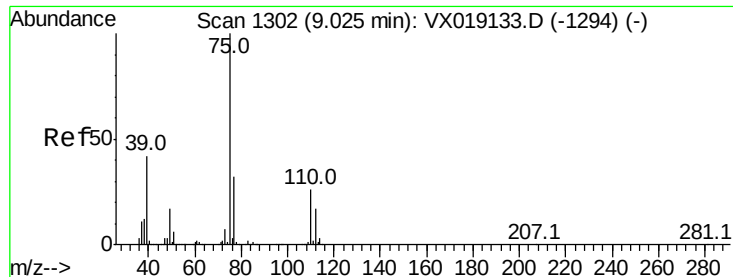
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#52
Toluene
Concen: 54.494 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion: 92 Resp: 382704
Ion Ratio Lower Upper
92 100
91 169.8 136.3 204.5





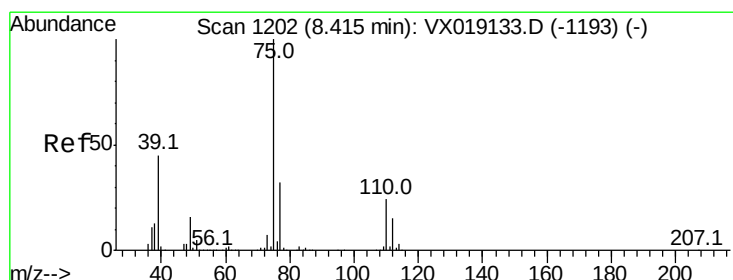
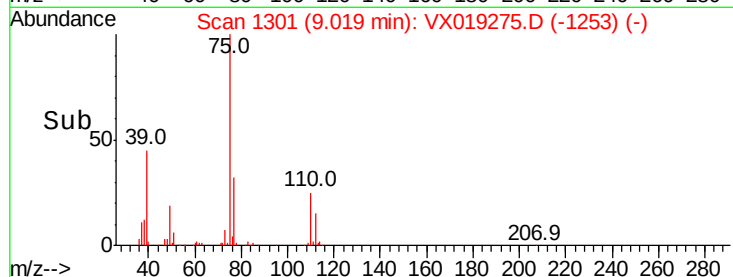
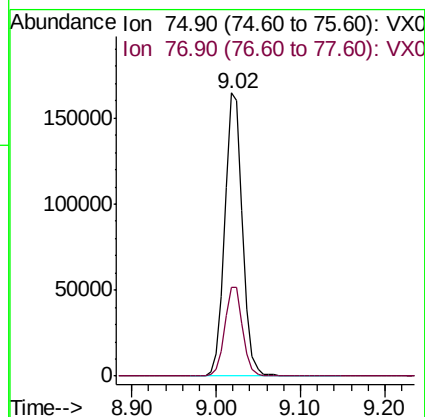
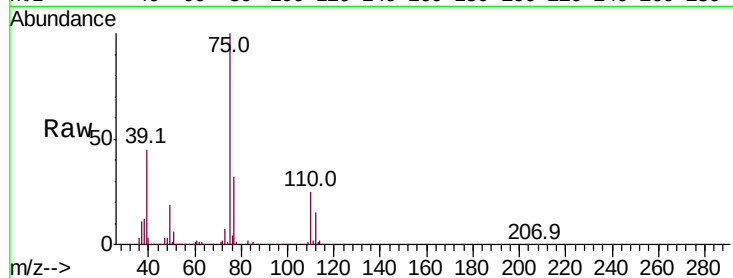
#53
 t-1,3-Dichloropropene
 Concen: 53.788 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 239156
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0

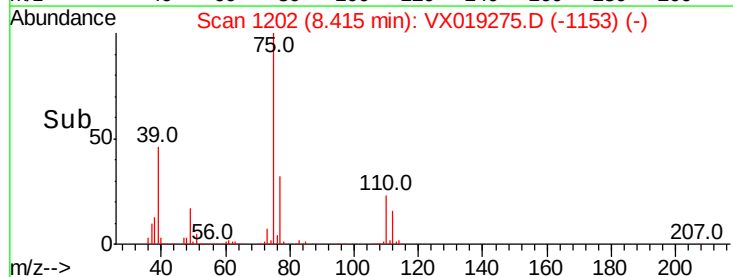
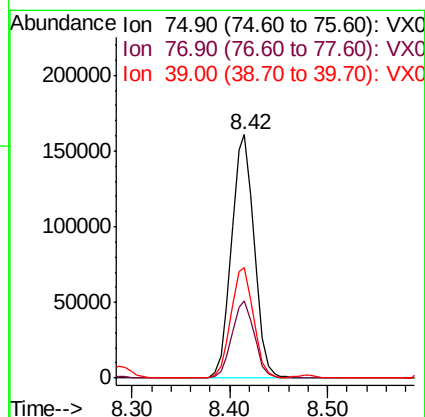
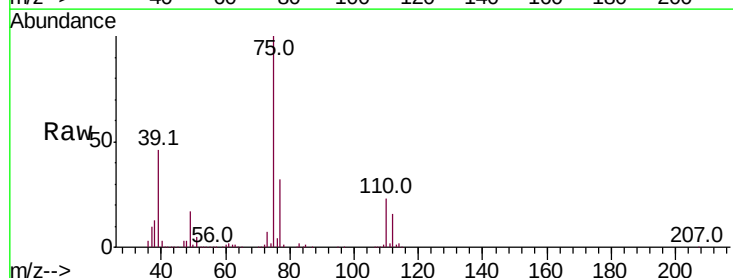
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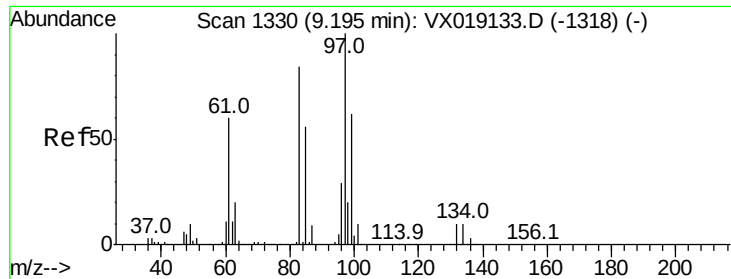
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#54
 cis-1,3-Dichloropropene
 Concen: 55.197 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Tgt Ion: 75 Resp: 258074
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.5 38.3
 39 45.6 36.2 54.2





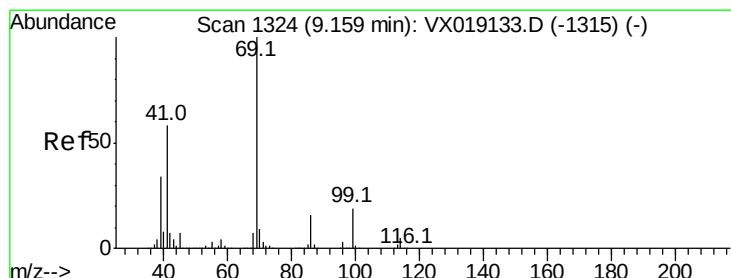
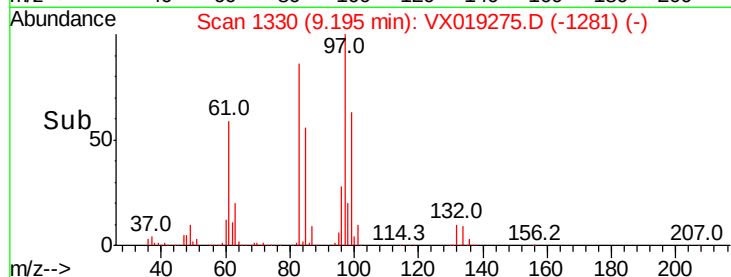
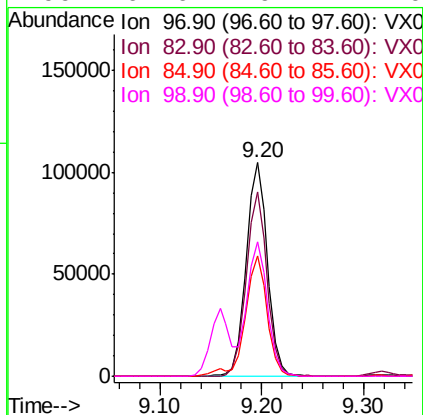
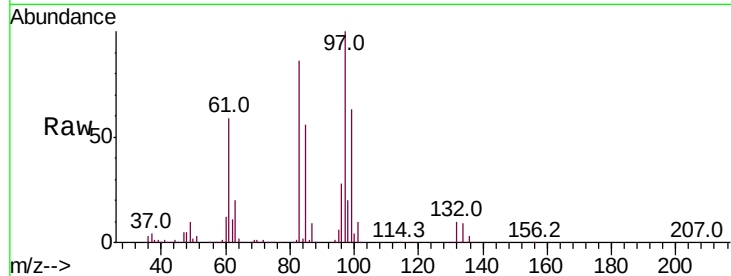
#55
 1,1,2-Trichloroethane
 Concen: 54.752 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	151929		
83	86.4	67.2	100.8	
85	56.2	44.6	67.0	
99	62.6	49.4	74.0	

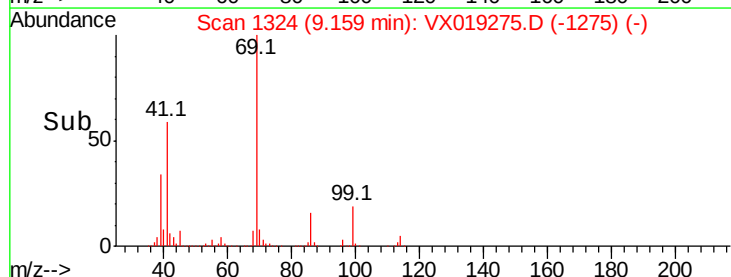
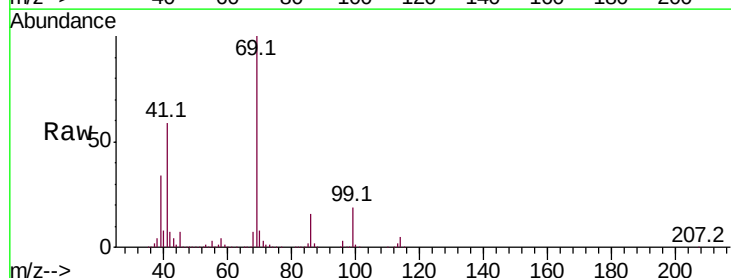
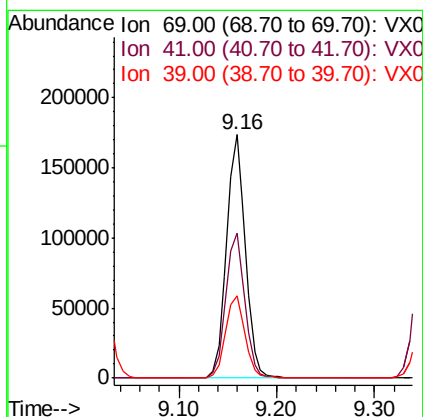
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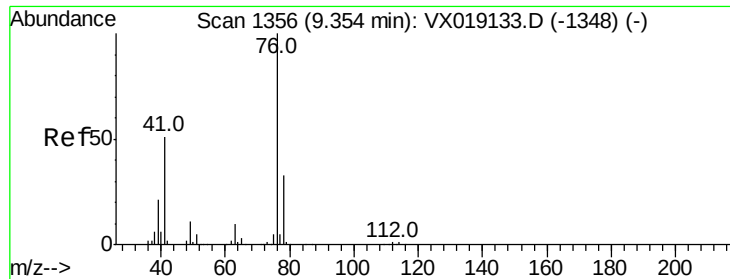
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#56
 Ethyl methacrylate
 Concen: 55.414 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	232256		
41	60.2	46.5	69.7	
39	35.0	27.6	41.4	





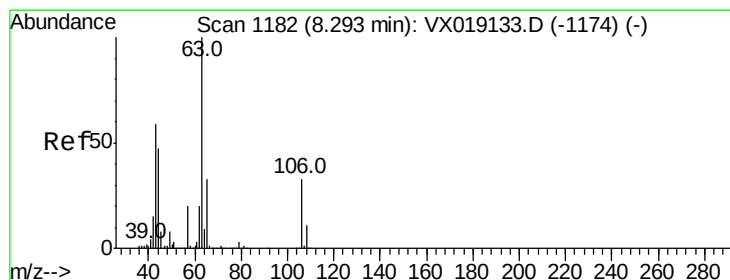
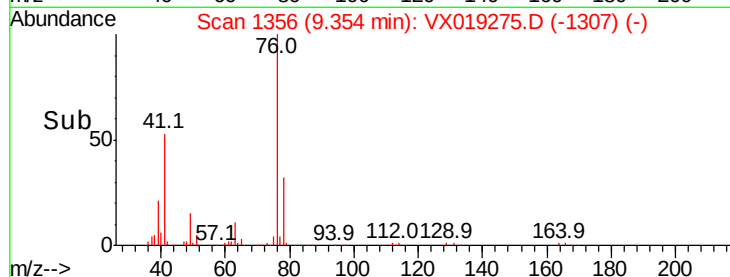
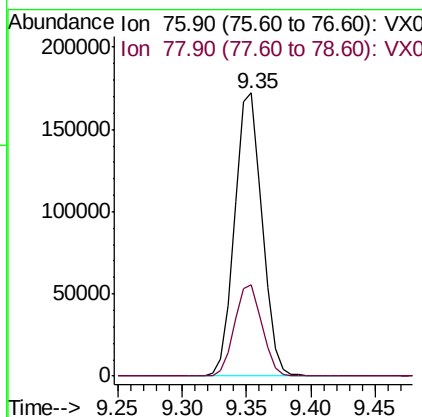
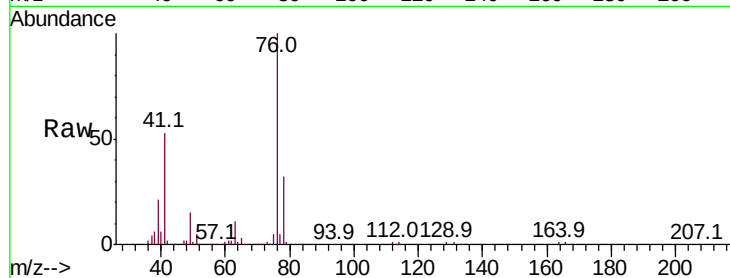
#57
 1,3-Dichloropropane
 Concen: 54.722 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.9	38.9

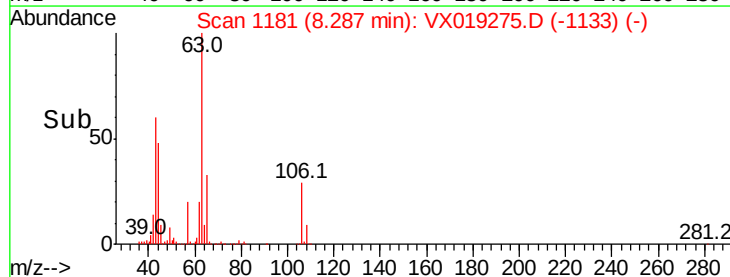
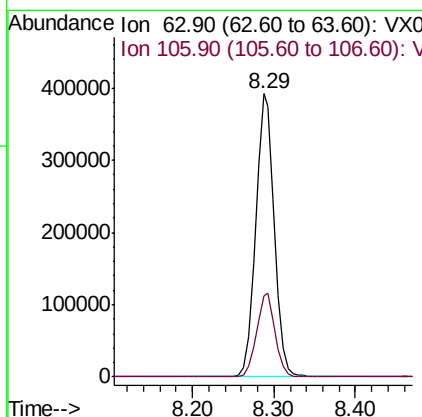
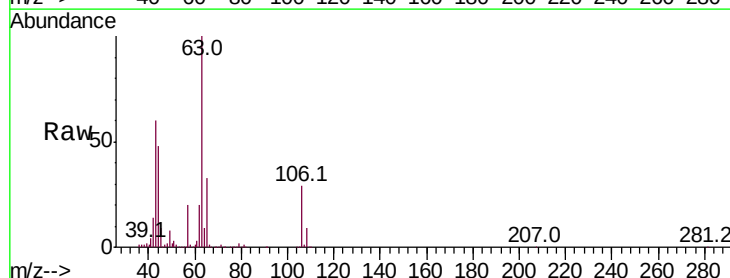
Manual Integrations
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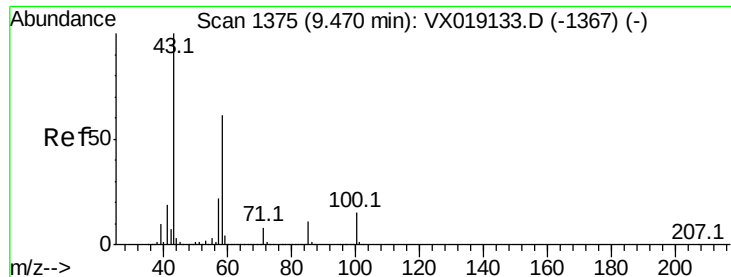
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#58
 2-Chloroethyl Vinyl ether
 Concen: 267.079 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.6	25.1	37.7





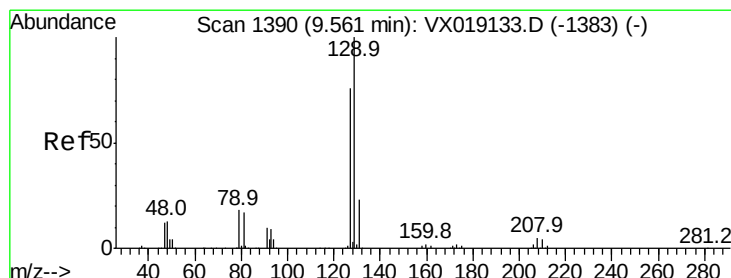
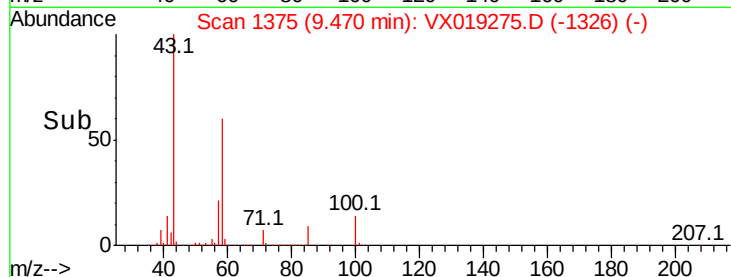
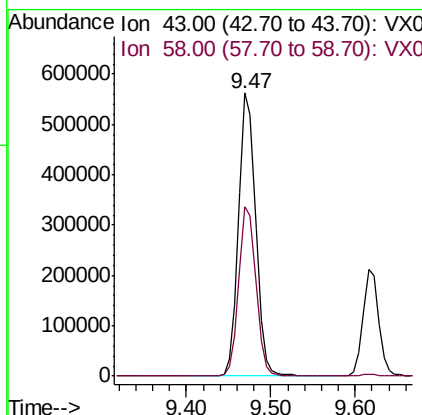
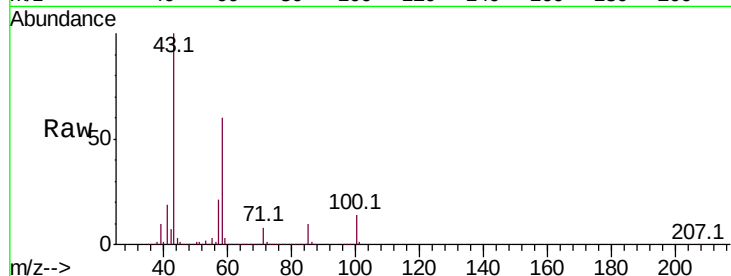
#59
2-Hexanone
Concen: 292.631 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 765470
Ion Ratio Lower Upper
43 100
58 60.2 30.5 91.5

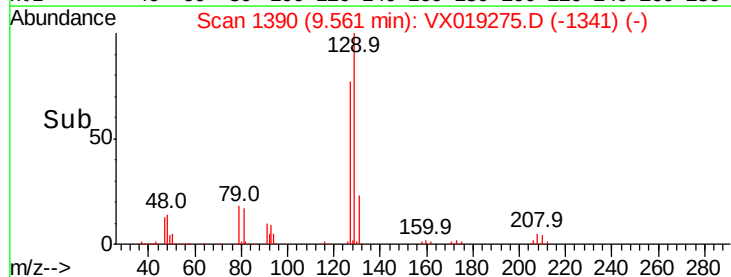
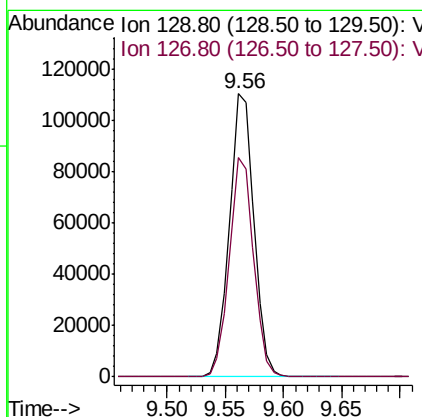
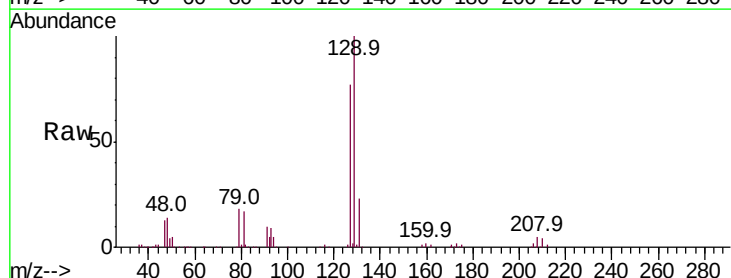
Manual Integrations
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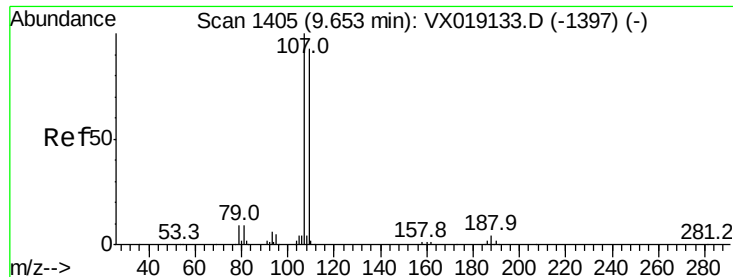
MMDadoda
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#60
Dibromochloromethane
Concen: 54.127 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion: 129 Resp: 163000
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 52.806 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 156690

Ion Ratio Lower Upper

107 100

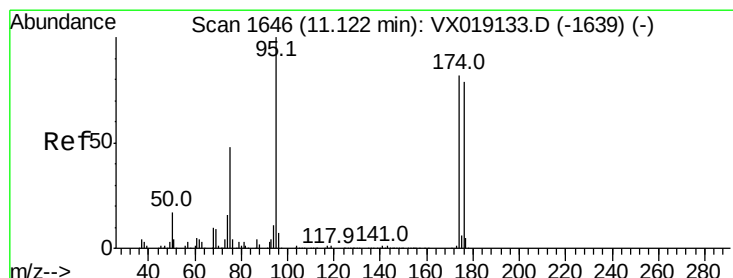
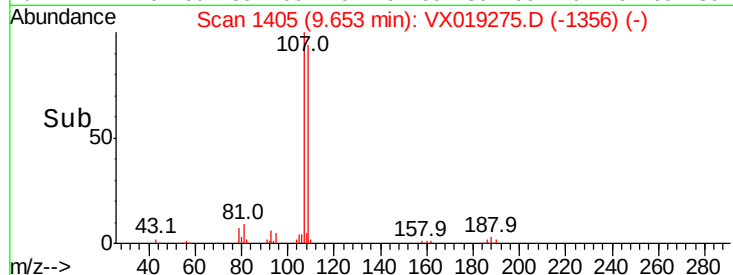
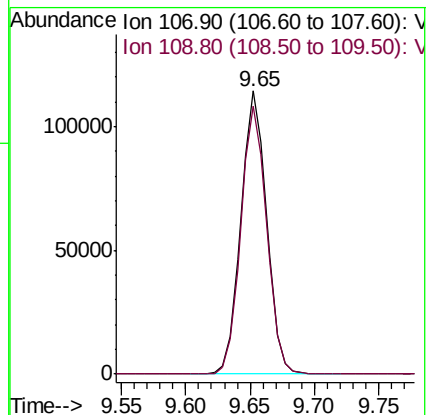
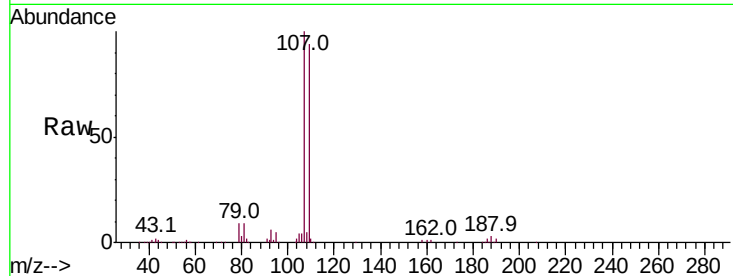
109 96.0 75.9 113.9

Manual Integrations

APPROVED

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#62

4-Bromofluorobenzene

Concen: 49.913 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

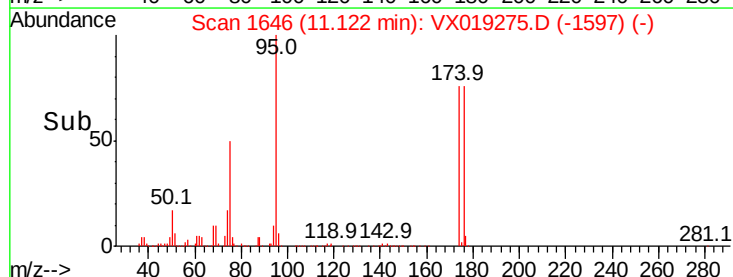
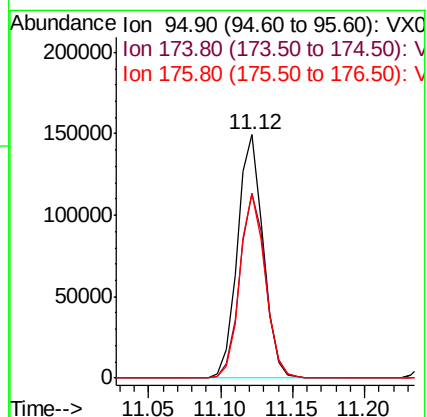
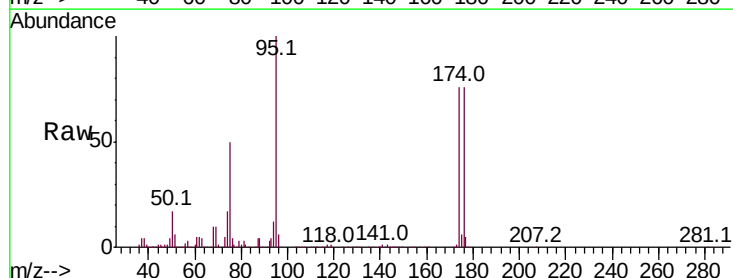
Tgt Ion: 95 Resp: 186406

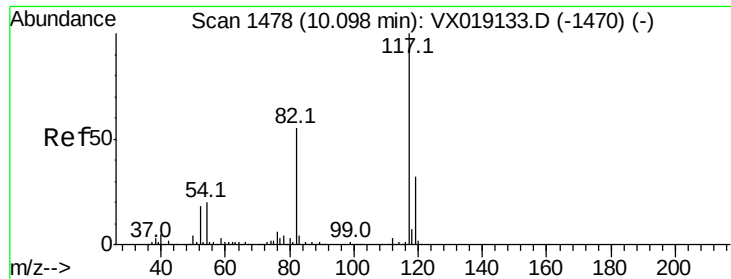
Ion Ratio Lower Upper

95 100

174 76.0 0.0 156.0

176 74.7 0.0 149.8





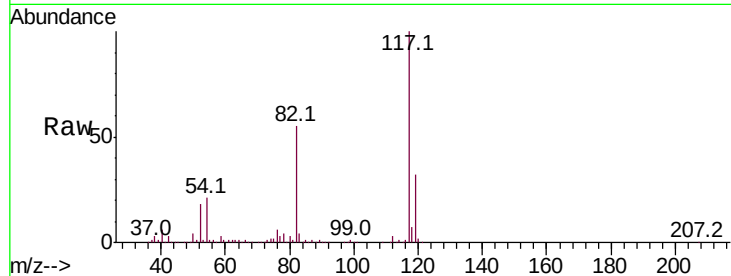
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	384944		
82	55.2	43.6	65.4	
119	31.8	25.5	38.3	

Manual Integrations
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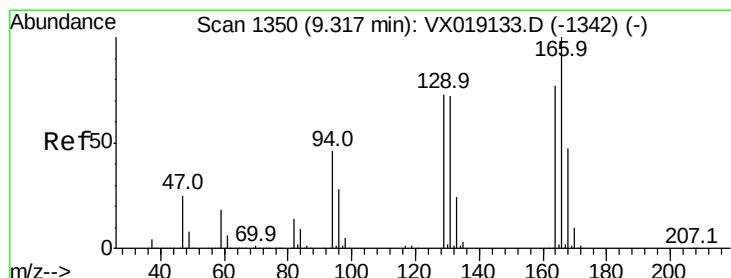
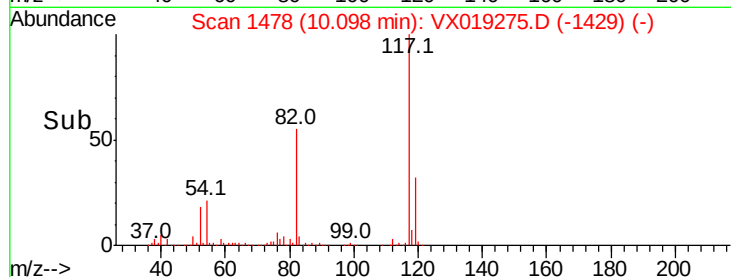
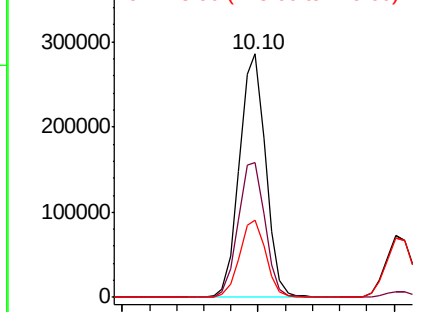


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 51.609 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	151362		
166	135.3	104.1	156.1	
129	103.2	76.2	114.4	
131	94.0	74.6	112.0	

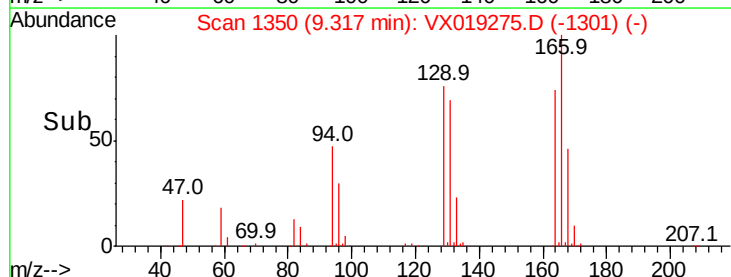
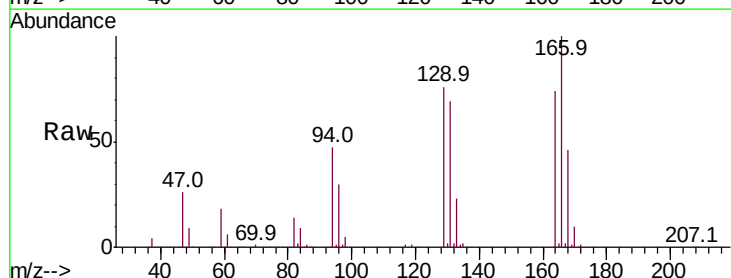
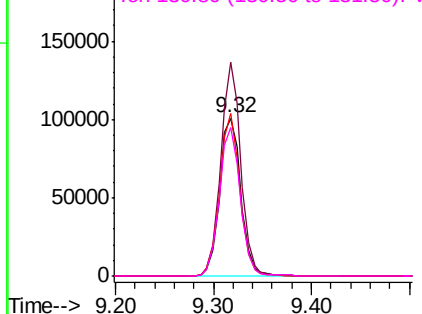
Abundance

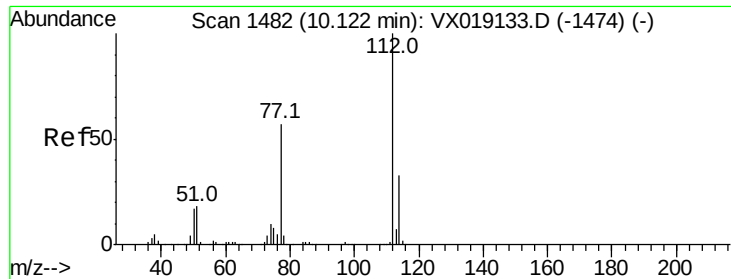
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 50.702 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 398918

Ion Ratio Lower Upper

112 100

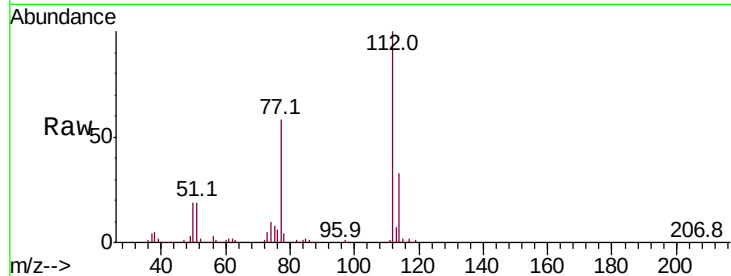
114 32.8 26.1 39.1

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

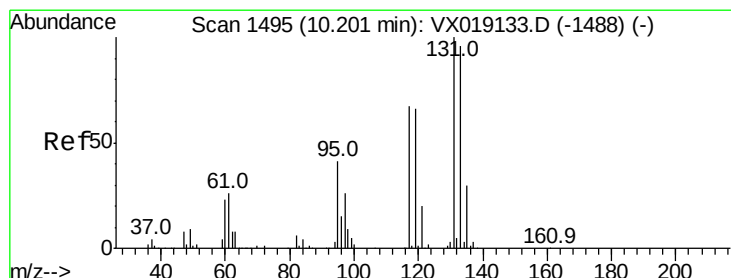
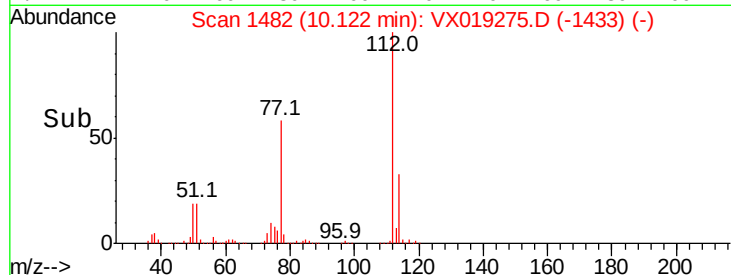
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 52.216 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

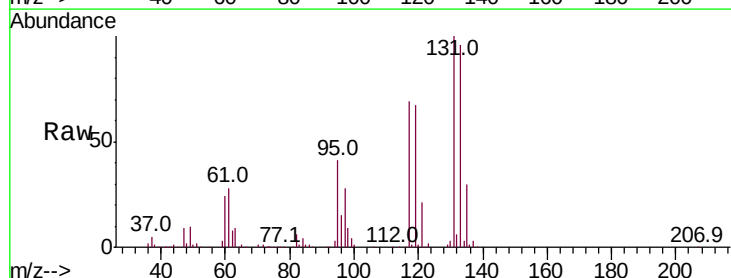
Tgt Ion:131 Resp: 147901

Ion Ratio Lower Upper

131 100

133 95.3 47.3 141.8

119 65.7 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

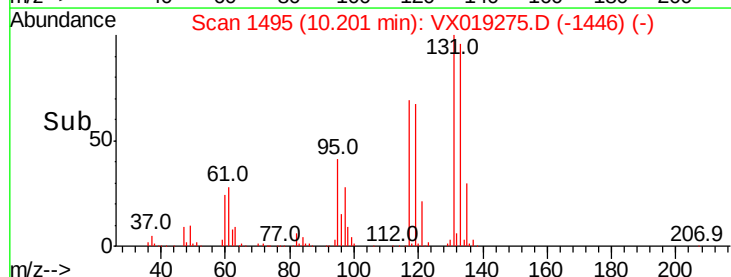
10.20

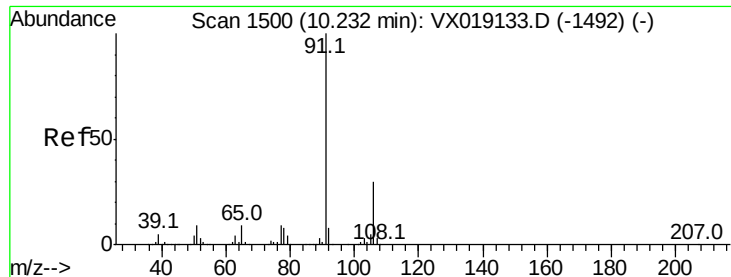
100000

50000

0

Time--> 10.10 10.20 10.30





#67

Ethyl Benzene

Concen: 52.561 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 736904

Ion Ratio Lower Upper

91 100

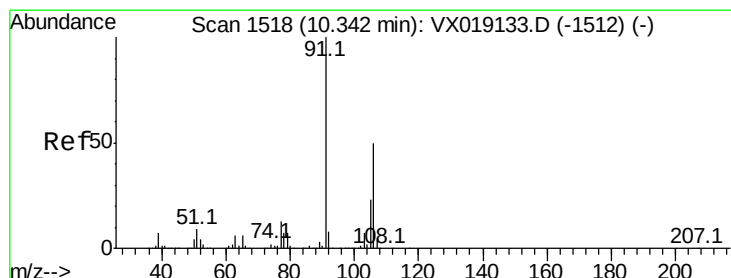
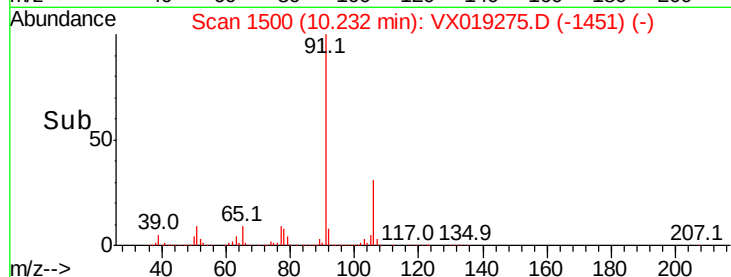
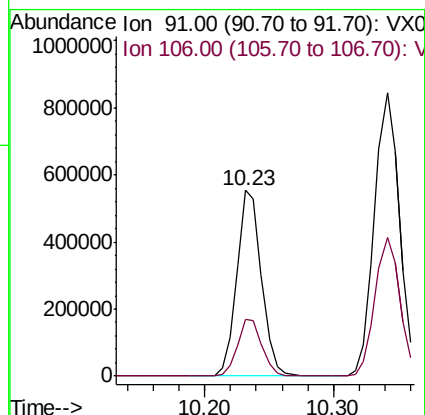
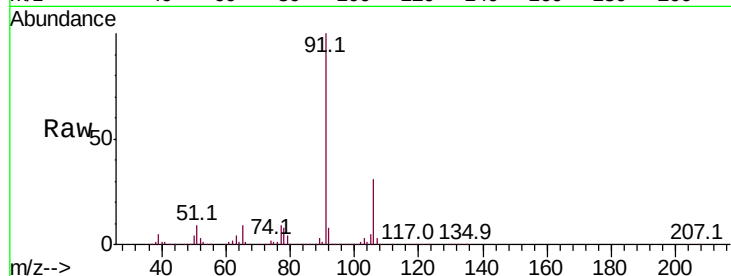
106 30.7 24.3 36.5

Manual Integrations

APPROVED

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#68

m/p-Xylenes

Concen: 105.014 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019275.D

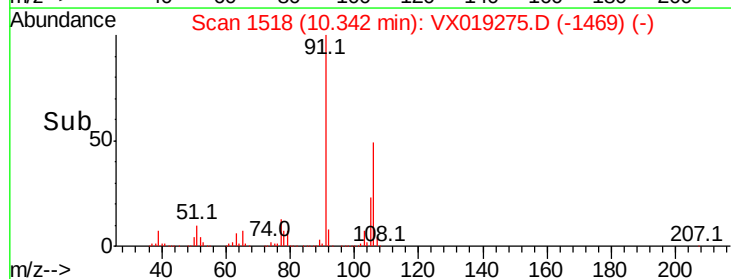
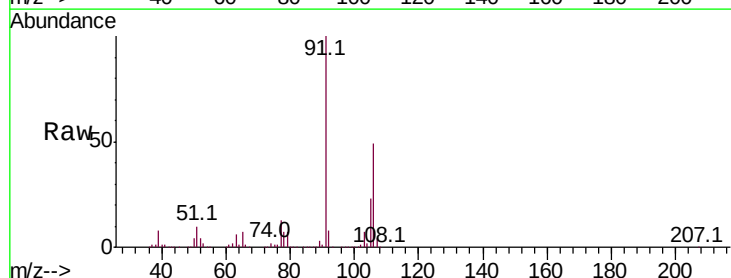
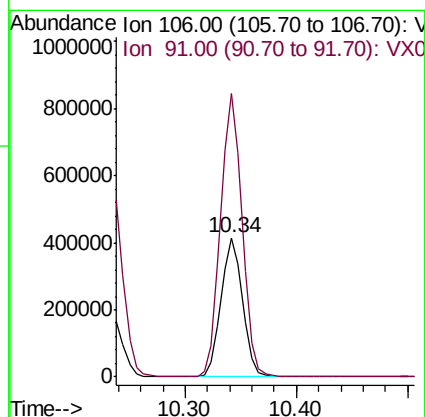
Acq: 04 Nov 2020 17:18

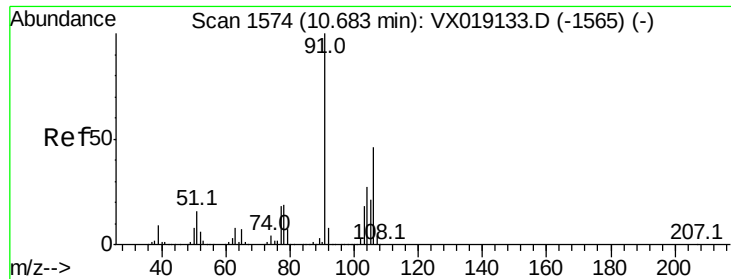
Tgt Ion: 106 Resp: 552573

Ion Ratio Lower Upper

106 100

91 205.1 161.0 241.4





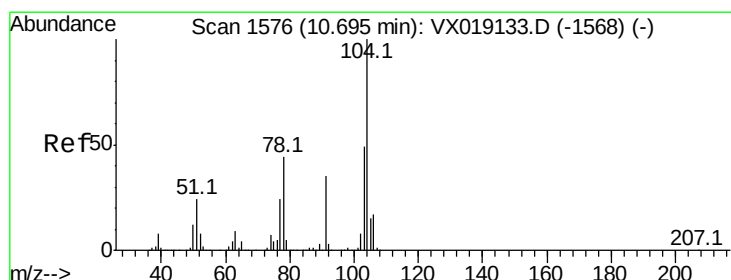
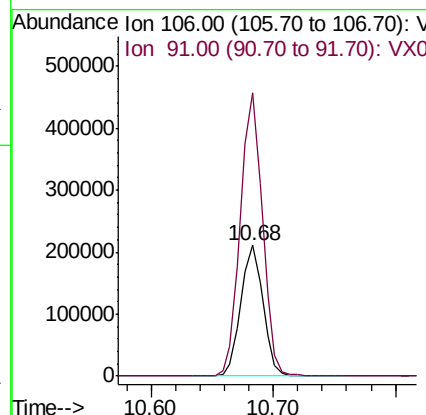
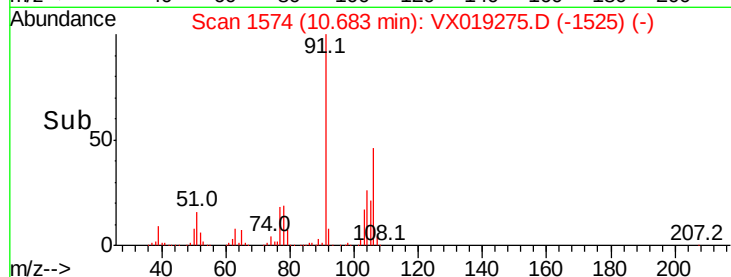
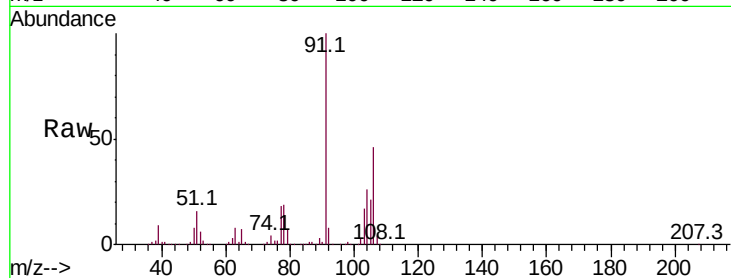
#69
o-Xylene
Concen: 52.911 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	264074		
91	215.8	108.3	324.8	

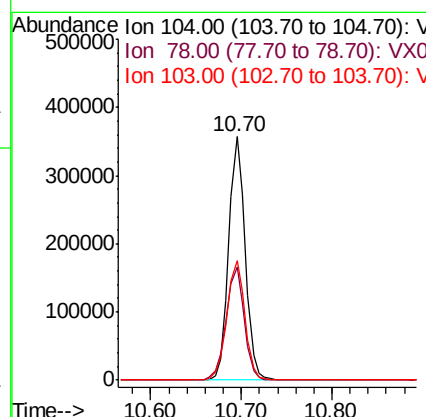
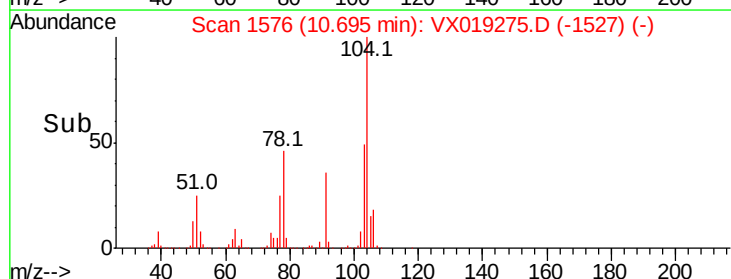
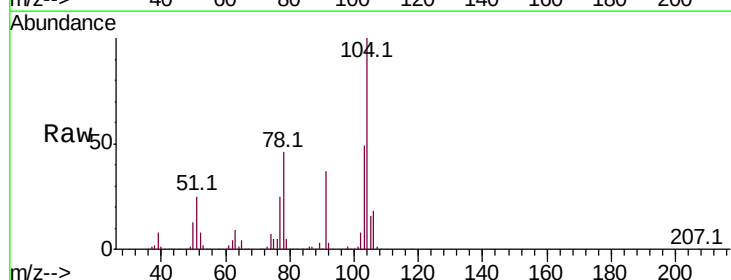
Manual Integrations
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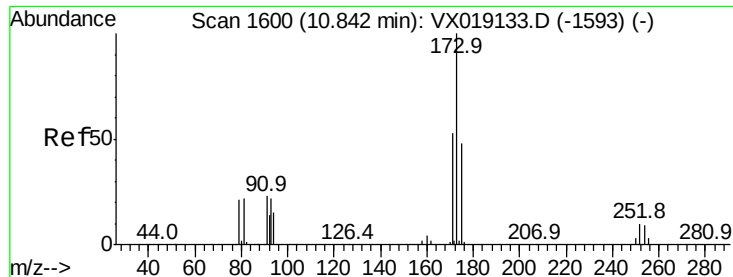
MMDadoda
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#70
Styrene
Concen: 53.066 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	451889		
78	51.1	40.0	60.0	
103	53.7	43.5	65.3	





#71

Bromoform

Concen: 50.172 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

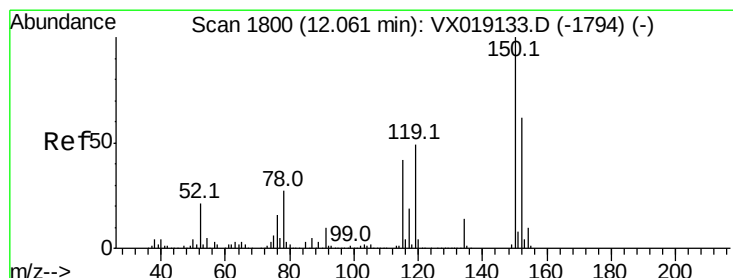
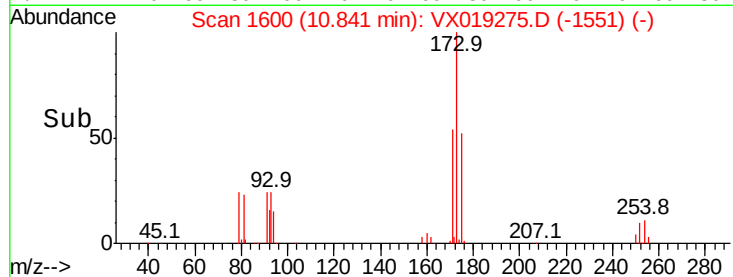
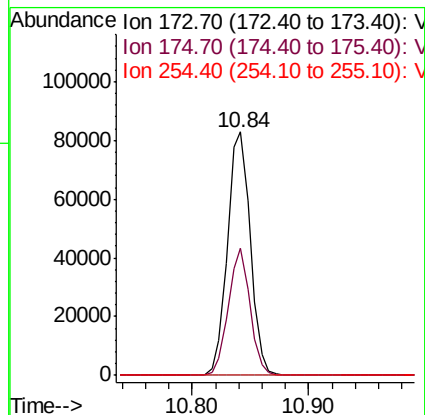
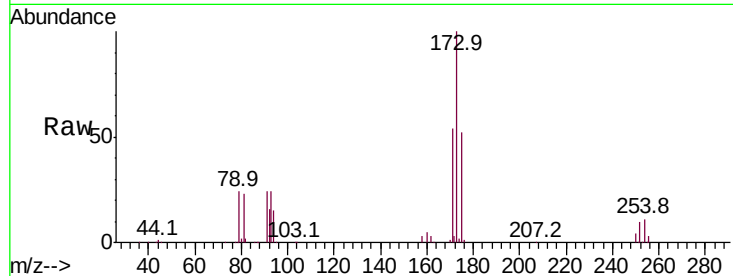
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	112673		
175	49.4	24.4	73.4	
254	0.1	0.1	0.1#	

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

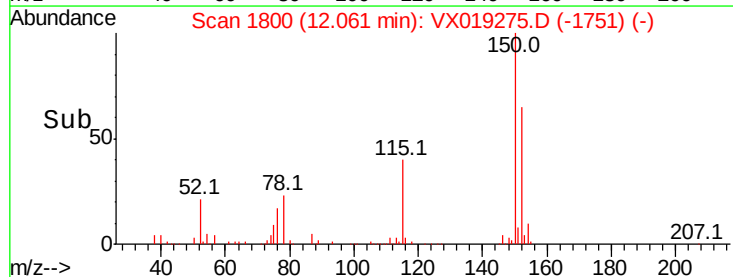
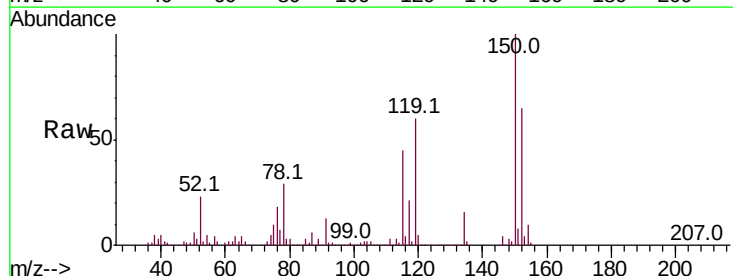
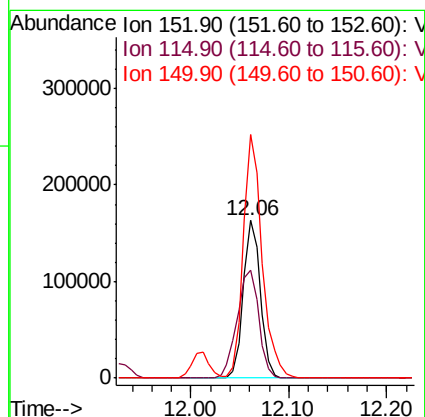
RT: 12.06 min Scan# 1800

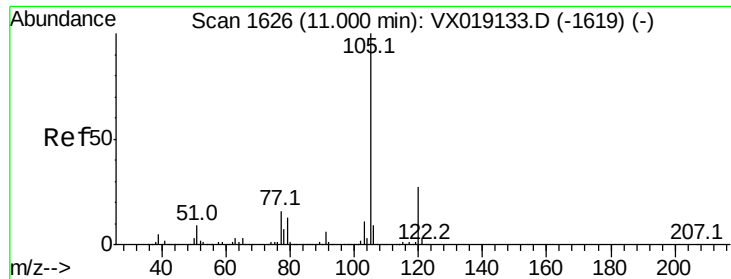
Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	197433		
115	86.9	41.9	125.7	
150	169.8	0.0	347.8	





#73

Isopropylbenzene

Concen: 51.443 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 718932

Ion Ratio Lower Upper

105 100

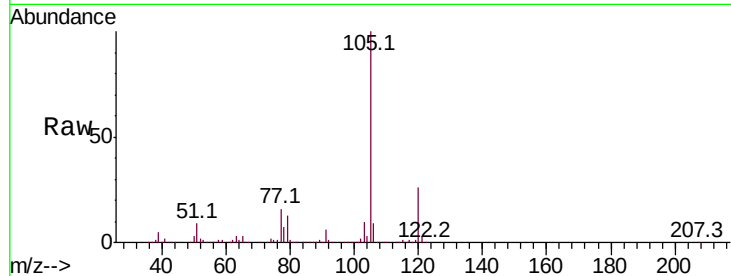
120 26.2 13.3 39.8

Manual Integrations

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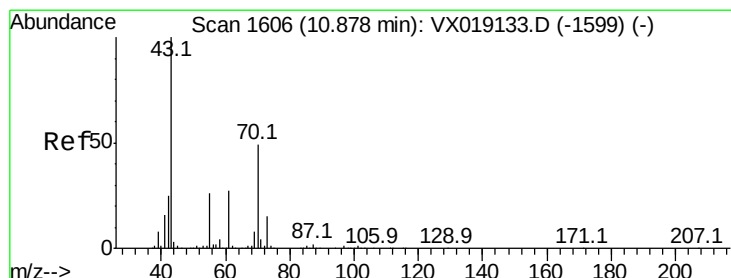
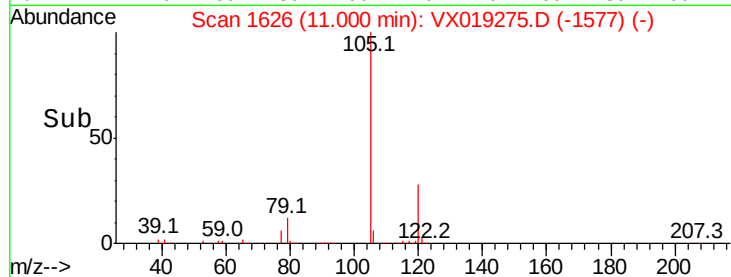
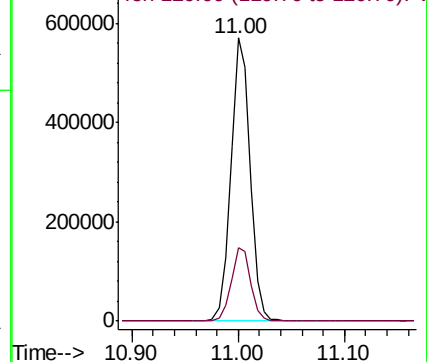
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.510 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Tgt Ion: 43 Resp: 273425

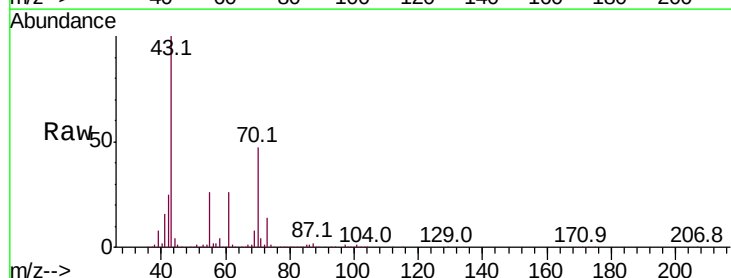
Ion Ratio Lower Upper

43 100

70 48.1 39.6 59.4

55 26.4 20.7 31.1

61 26.8 21.9 32.9

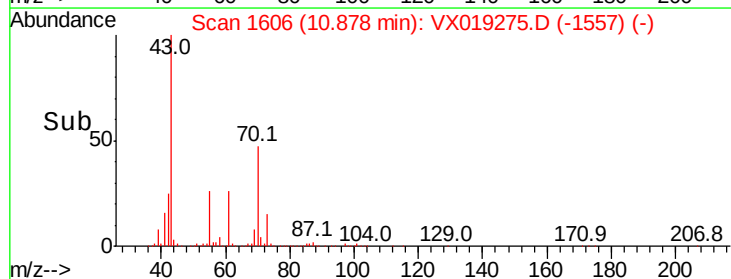
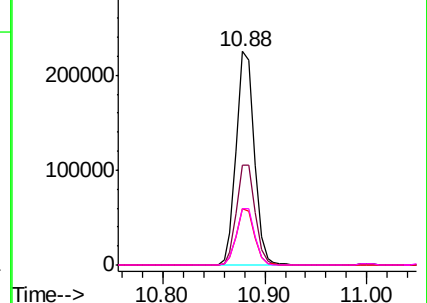


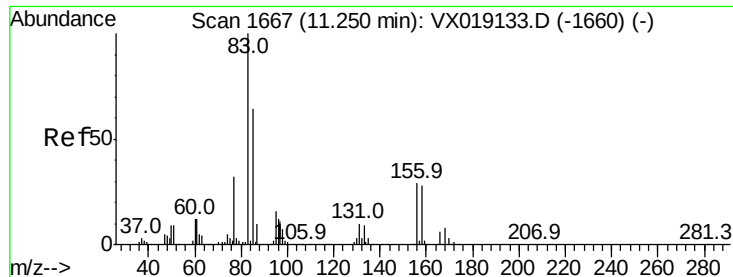
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.565 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

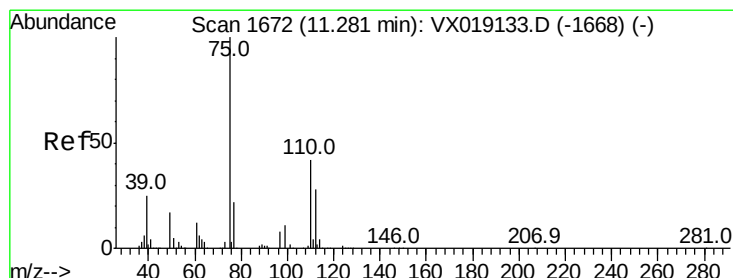
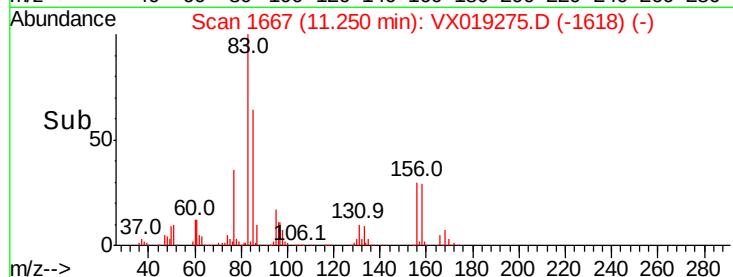
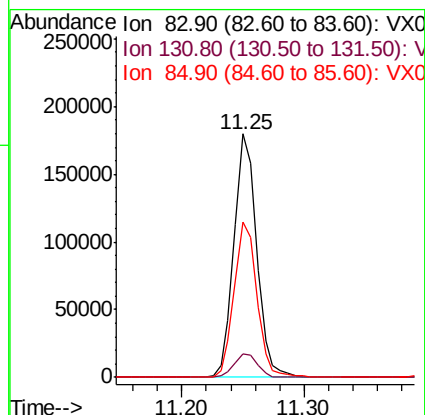
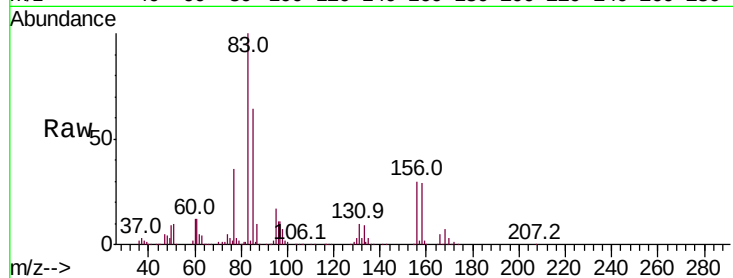
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	229584
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.2	15.6
85	64.6	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.261 ug/l m

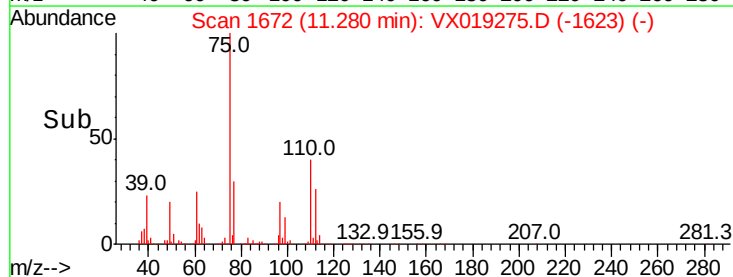
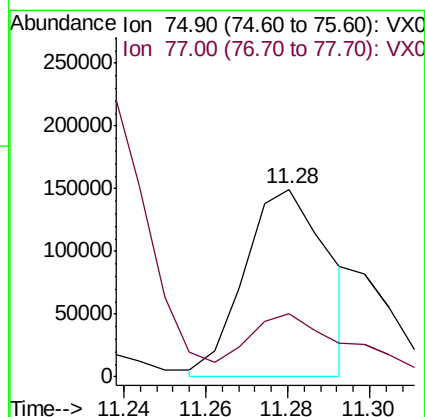
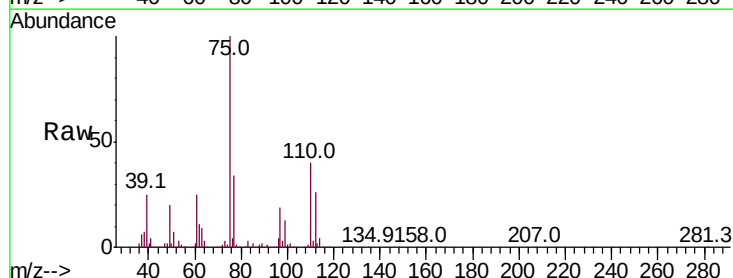
RT: 11.28 min Scan# 1672

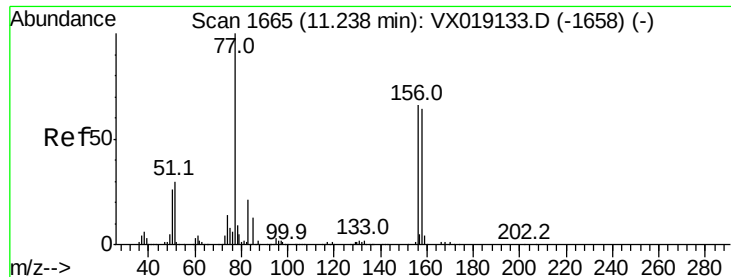
Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Tgt Ion:	75	Resp:	213044
Ion Ratio	Lower	Upper	
75	100		
77	40.8	20.3	60.9





#77

Bromobenzene

Concen: 49.171 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 156 Resp: 170549

Ion Ratio Lower Upper

156 100

77 168.1 77.7 233.1

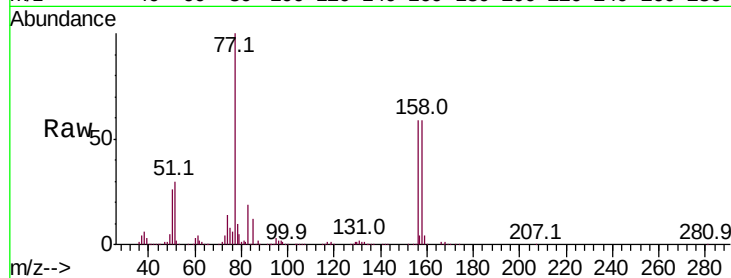
158 97.9 48.3 144.8

Manual Integrations

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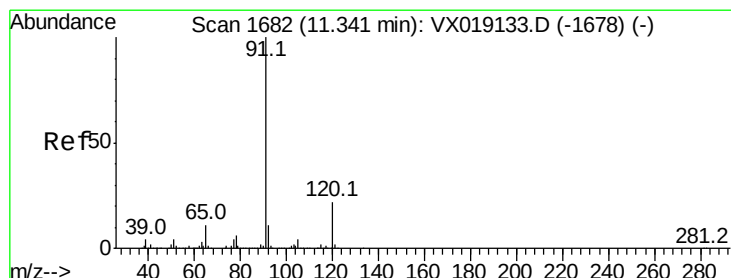
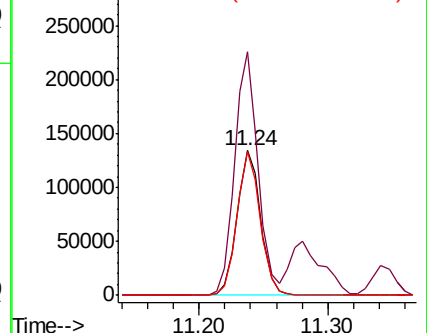
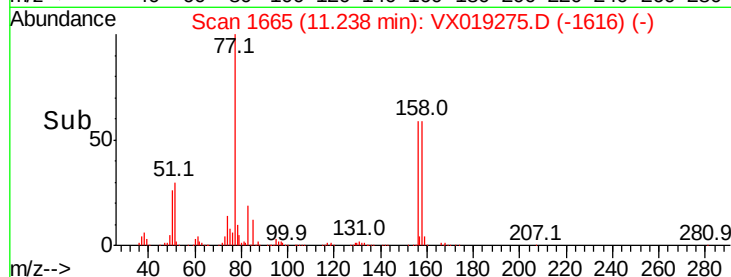
11/5/2020 7:02:24 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.537 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019275.D

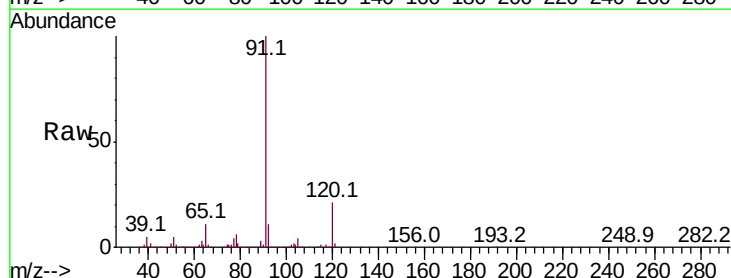
Acq: 04 Nov 2020 17:18

Tgt Ion: 91 Resp: 854093

Ion Ratio Lower Upper

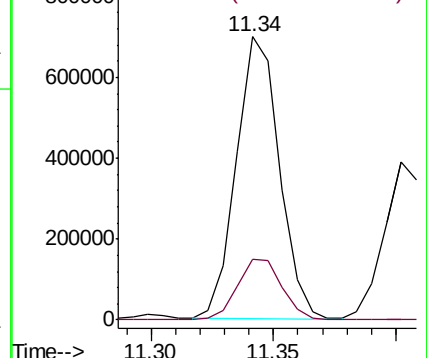
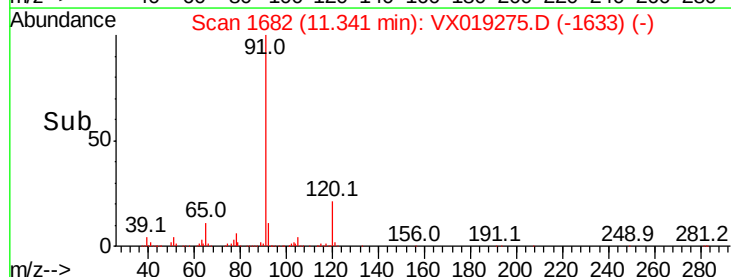
91 100

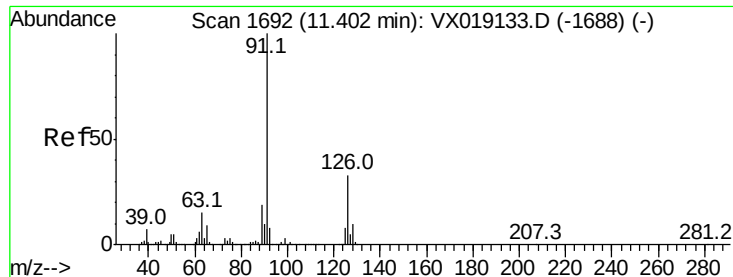
120 22.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.985 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 488258

Ion Ratio Lower Upper

91 100

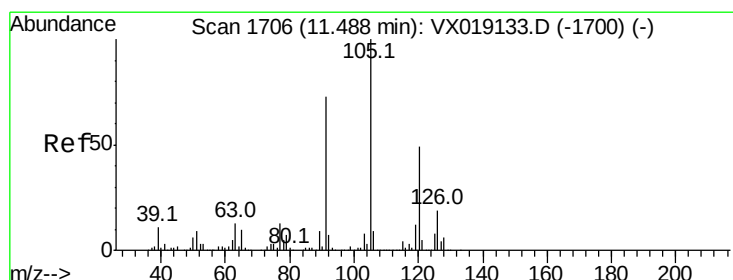
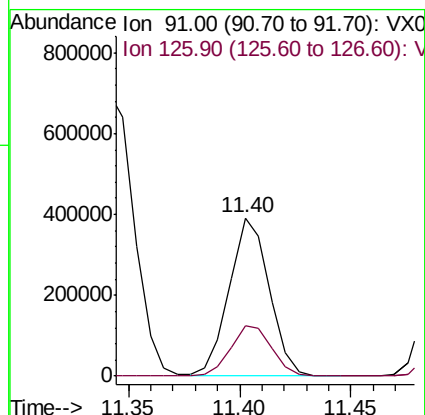
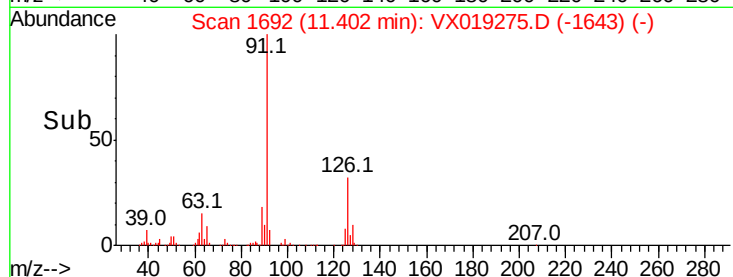
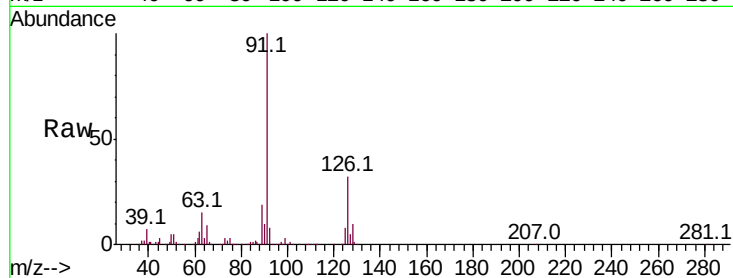
126 33.0 16.9 50.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.197 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019275.D

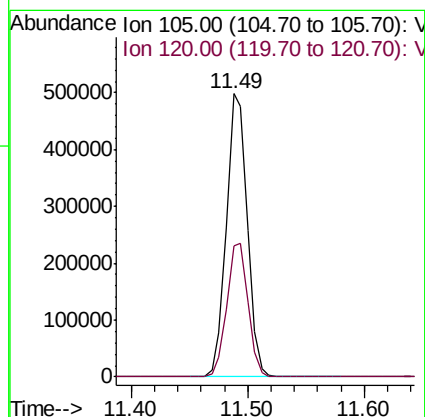
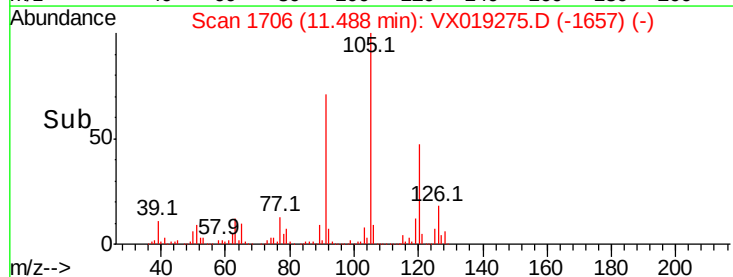
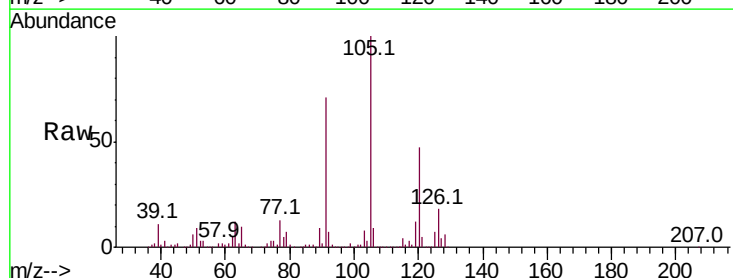
Acq: 04 Nov 2020 17:18

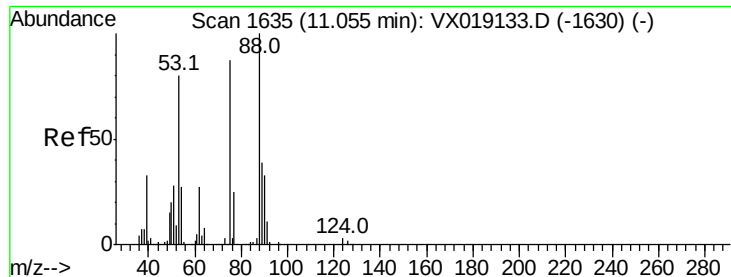
Tgt Ion: 105 Resp: 616256

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.720 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

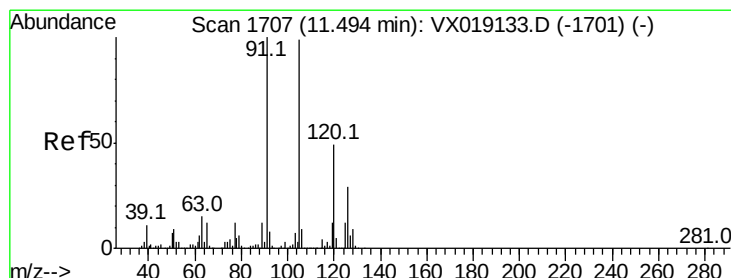
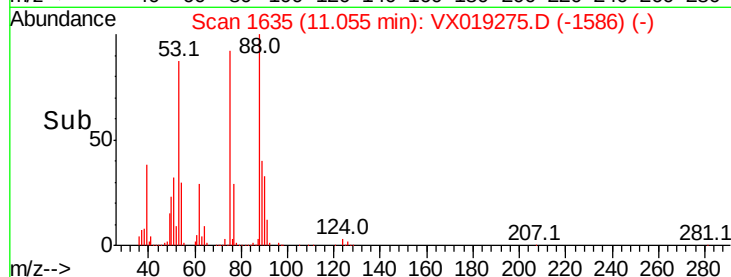
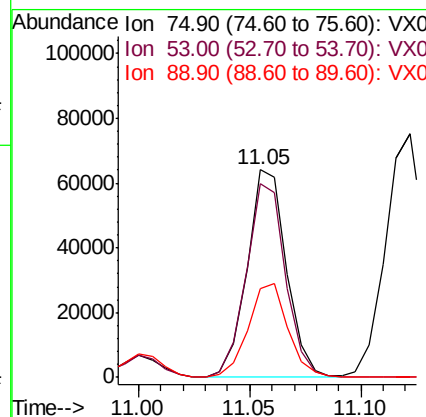
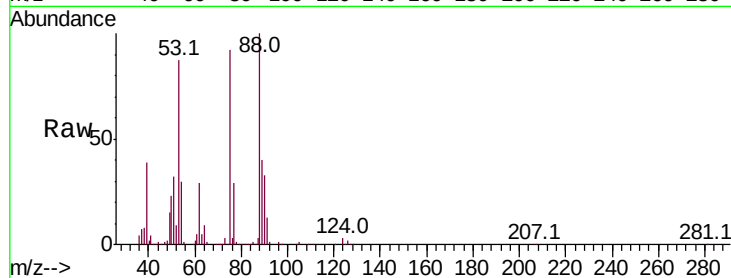
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	78528
Ion Ratio	Lower	Upper	
75	100		
53	94.8	73.3	109.9
89	46.1	38.2	57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.636 ug/l

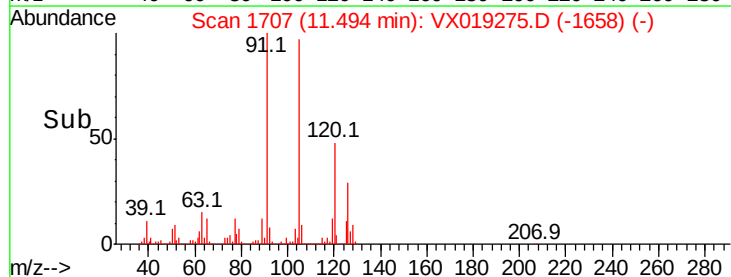
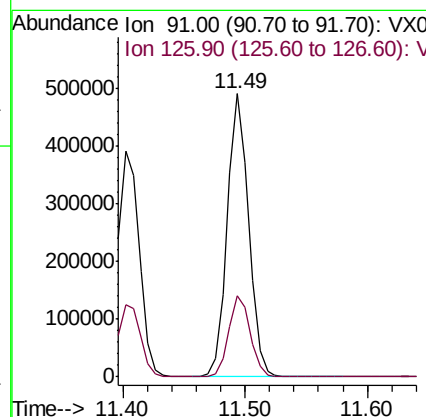
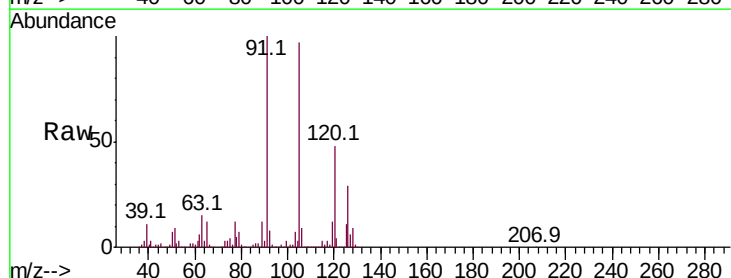
RT: 11.49 min Scan# 1707

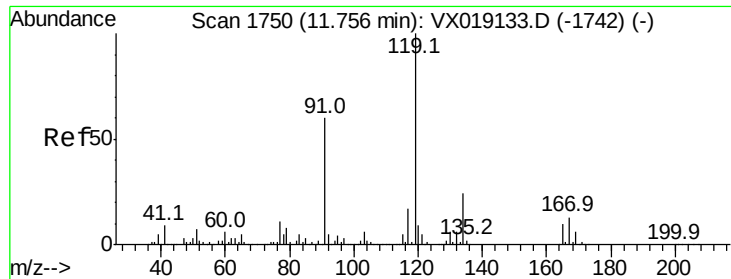
Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Tgt Ion:	91	Resp:	592233
Ion Ratio	Lower	Upper	
91	100		
126	28.9	14.8	44.4





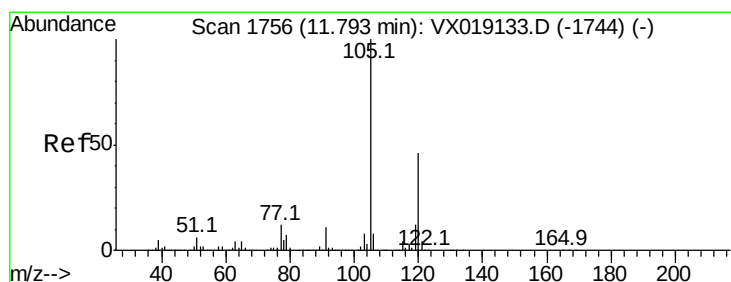
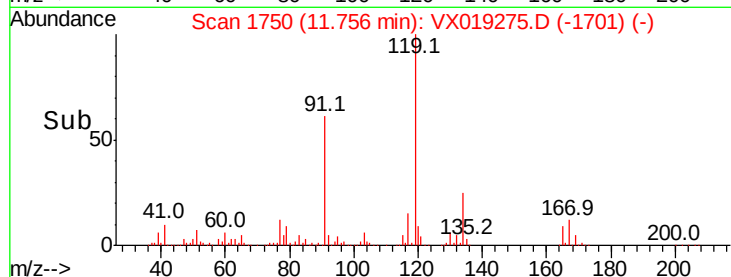
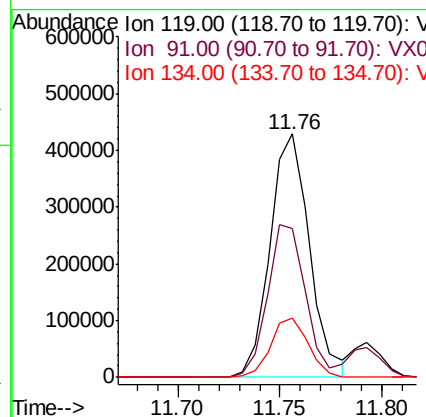
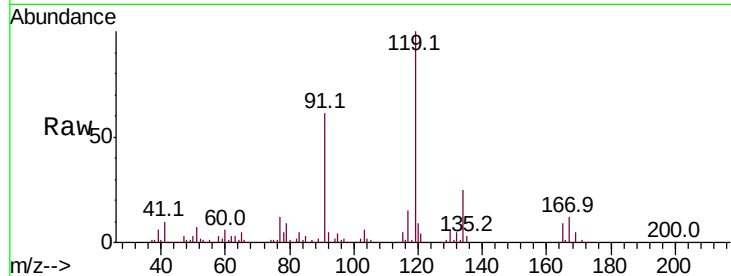
#83
 tert-Butylbenzene
 Concen: 51.103 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	577693		
91	60.2	29.0	87.1	
134	23.4	11.7	35.0	

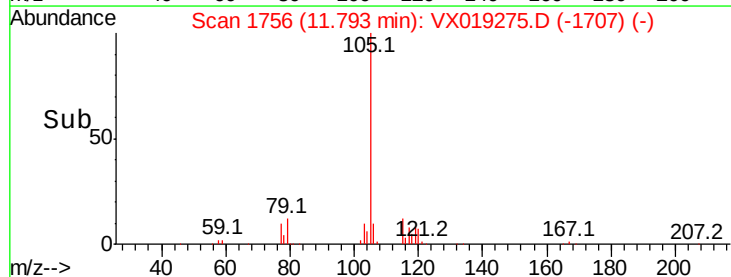
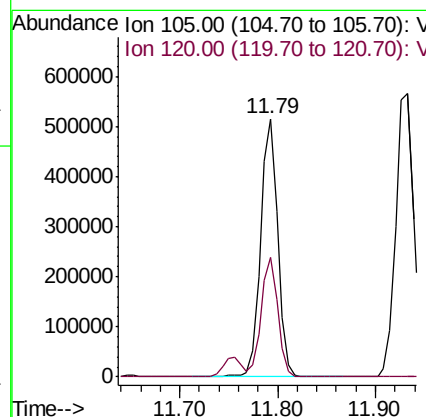
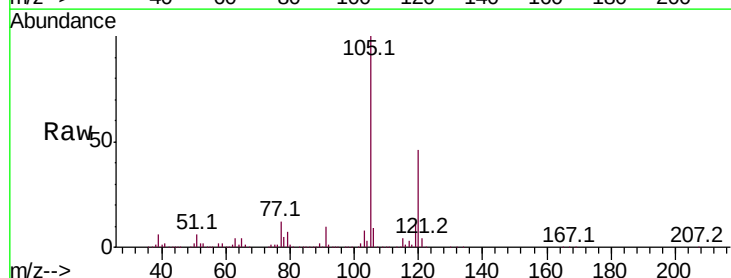
Manual Integrations
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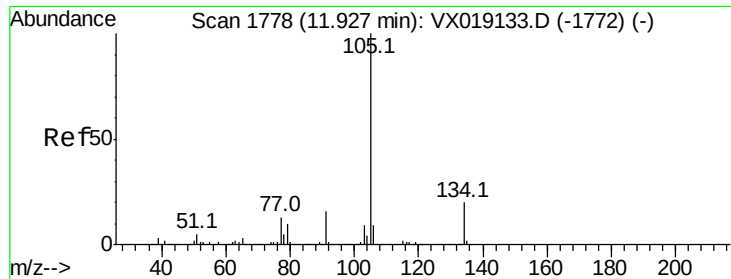
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.101 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	620993		
120	45.2	22.4	67.3	





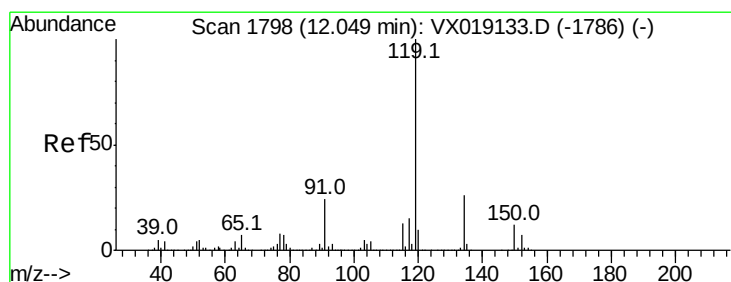
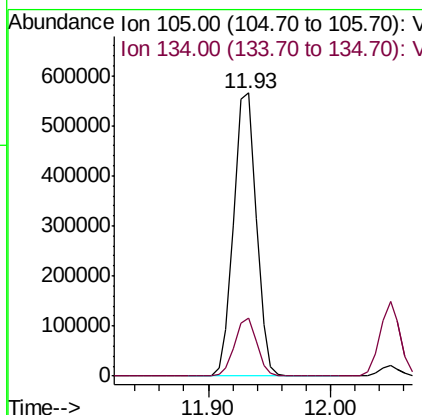
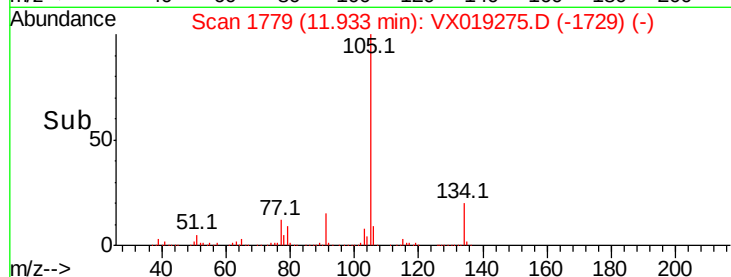
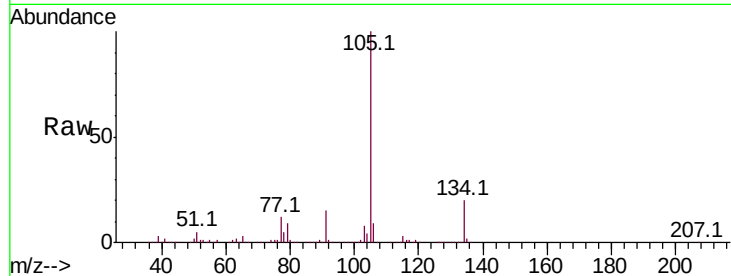
#85
 sec-Butylbenzene
 Concen: 53.244 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 721894
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1

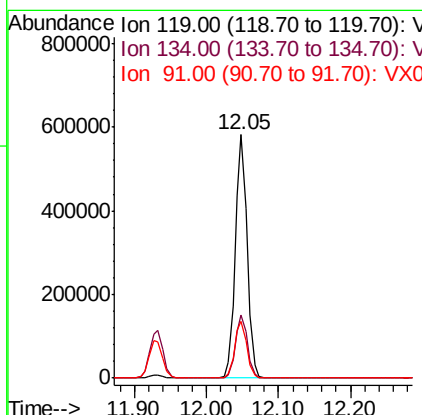
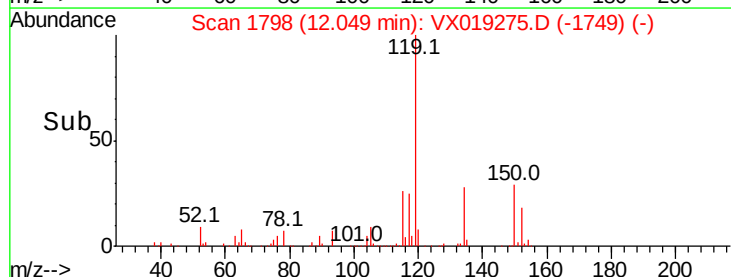
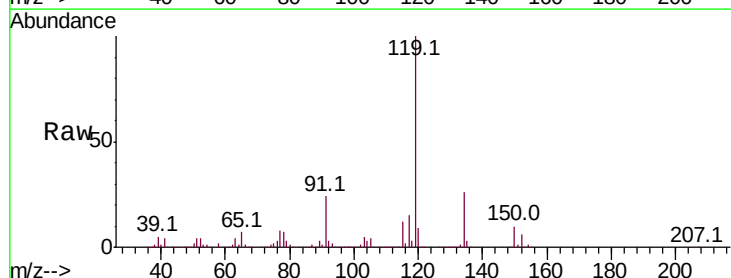
Manual Integrations
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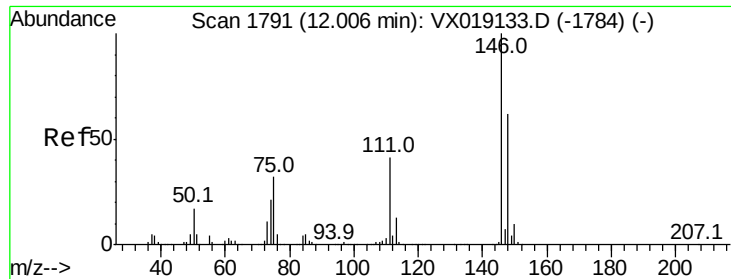
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 11/5/2020 7:02:24 PM



#86
 p-Isopropyltoluene
 Concen: 53.508 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Tgt Ion:119 Resp: 669610
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 24.1 12.0 36.0





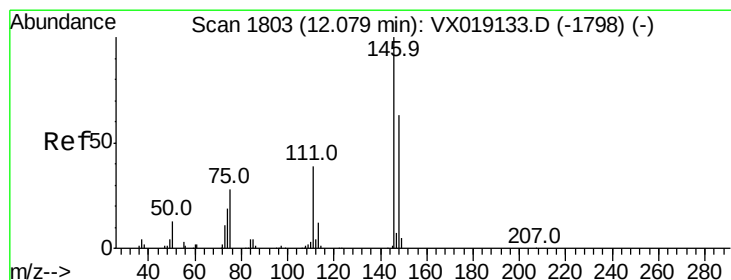
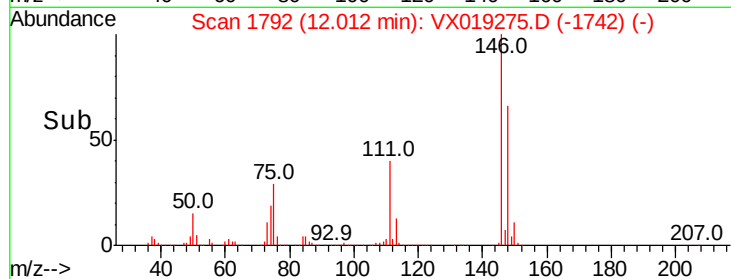
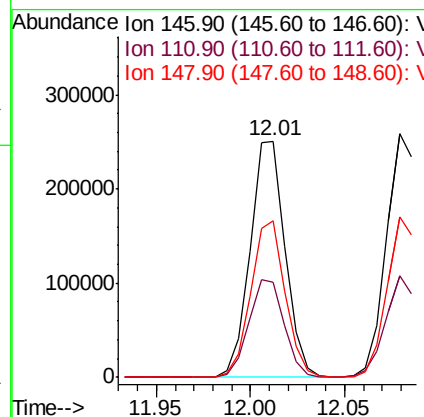
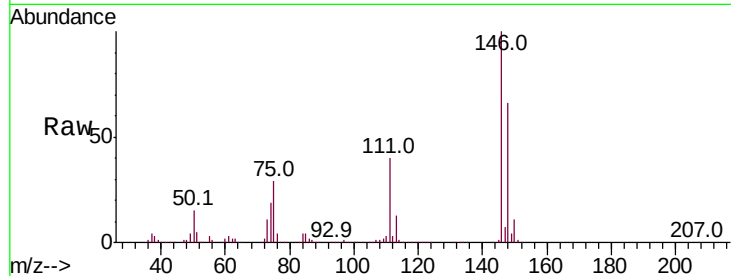
#87
 1,3-Dichlorobenzene
 Concen: 49.934 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.4	61.2
148	65.2	31.6	94.8

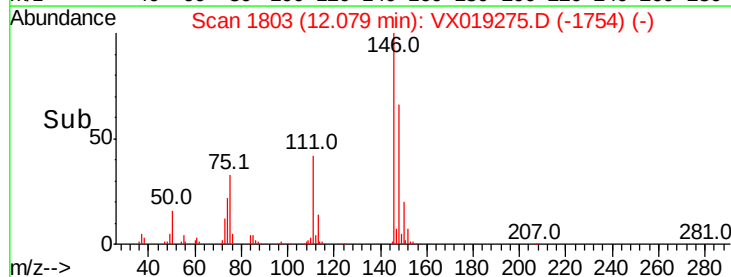
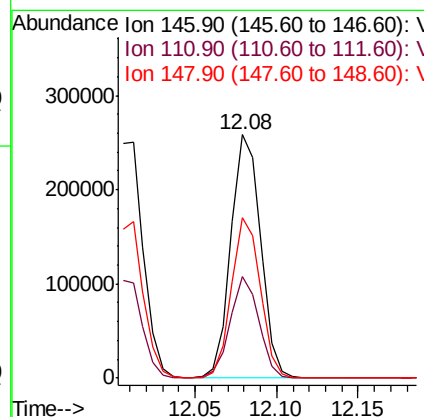
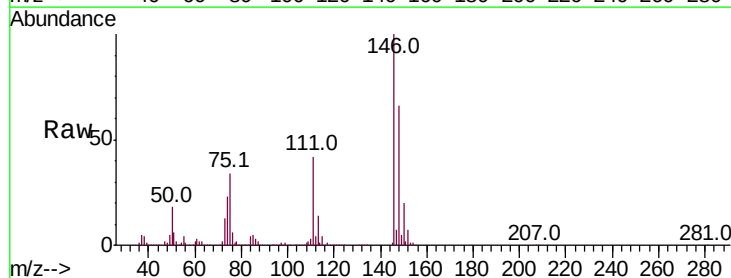
Manual Integrations
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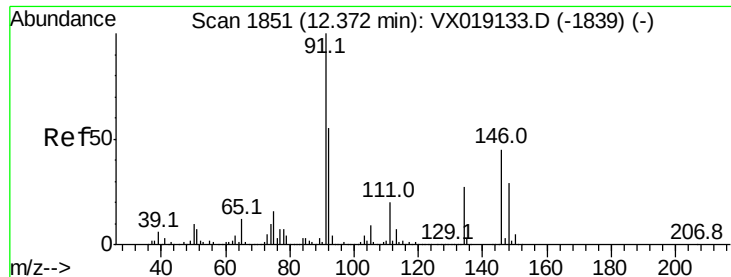
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#88
 1,4-Dichlorobenzene
 Concen: 48.662 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.2	60.5
148	64.7	31.3	93.8





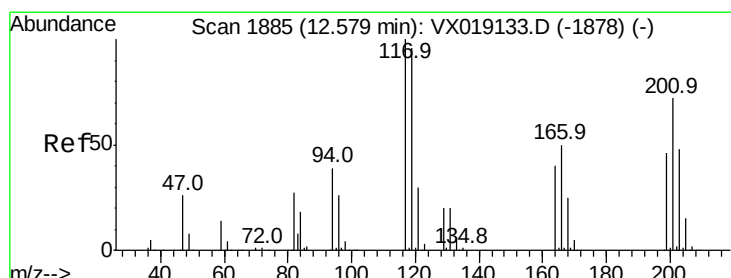
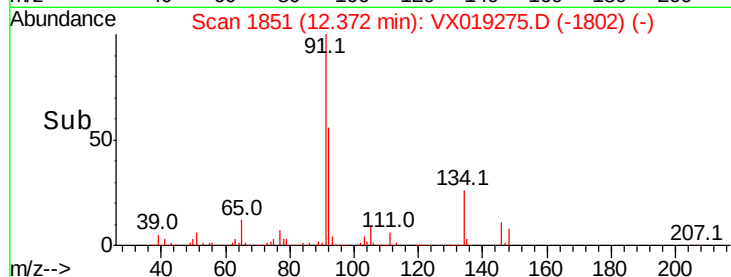
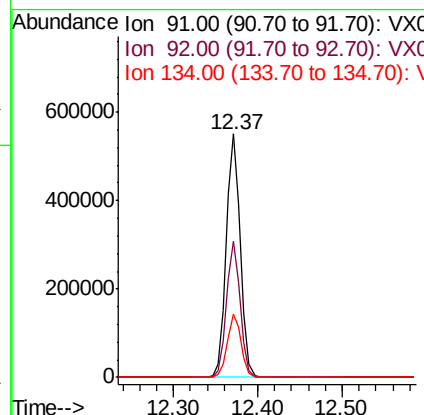
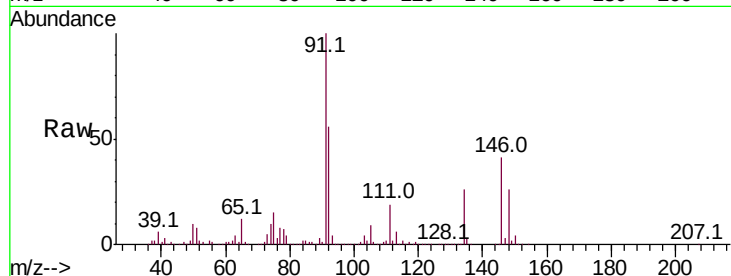
#89
n-Butylbenzene
Concen: 53.715 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.5	82.4
134	25.7	13.2	39.6

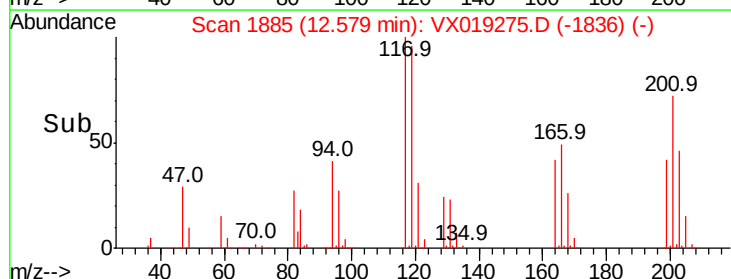
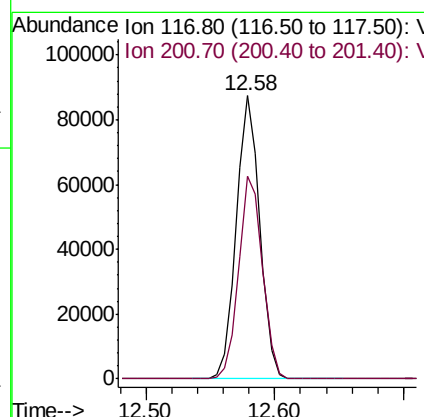
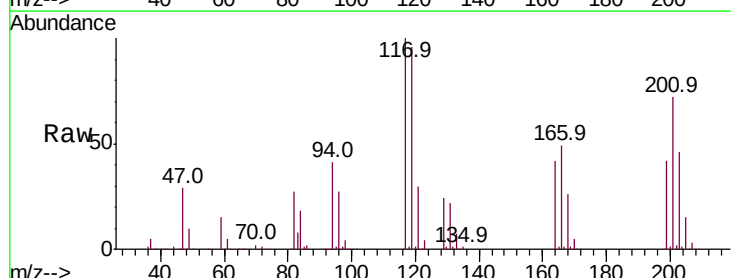
Manual Integrations
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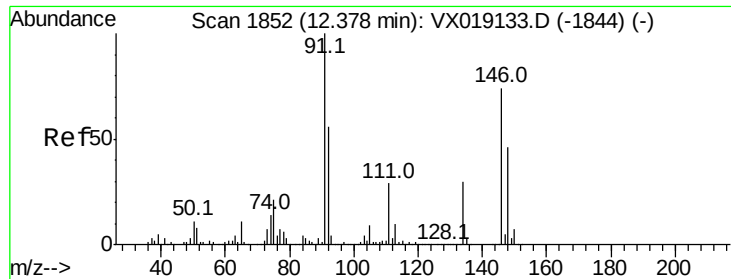
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#90
Hexachloroethane
Concen: 52.421 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.3	38.5	115.3





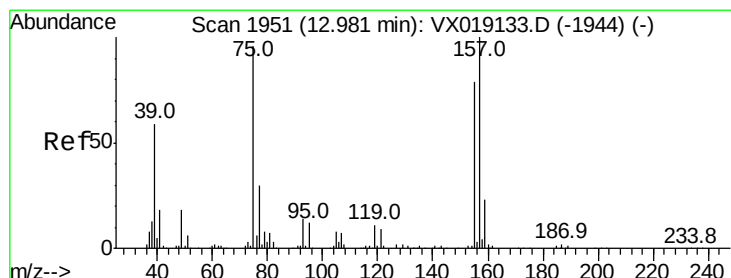
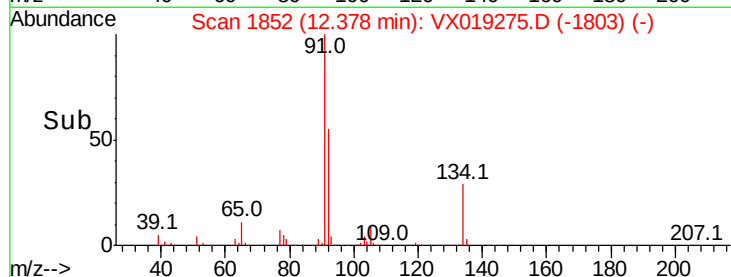
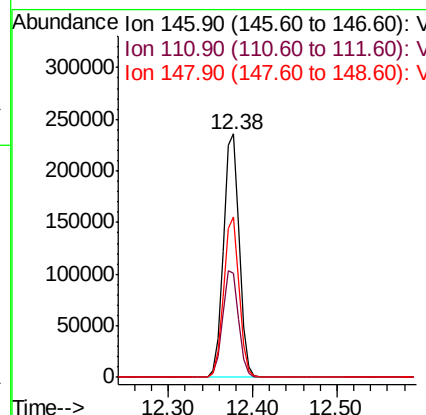
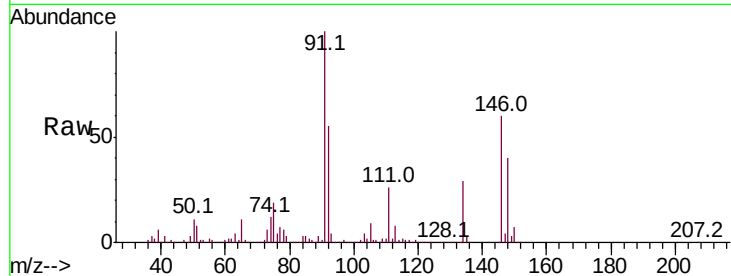
#91
1,2-Dichlorobenzene
Concen: 49.486 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.2	63.6
148	64.8	31.6	94.7

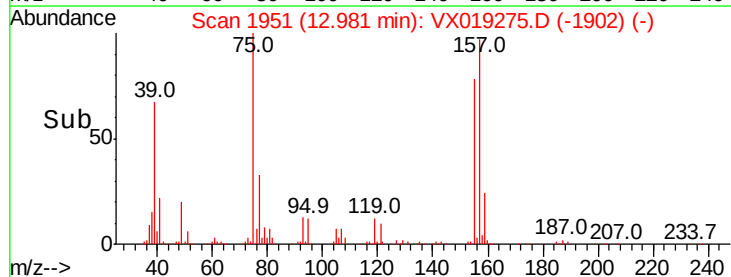
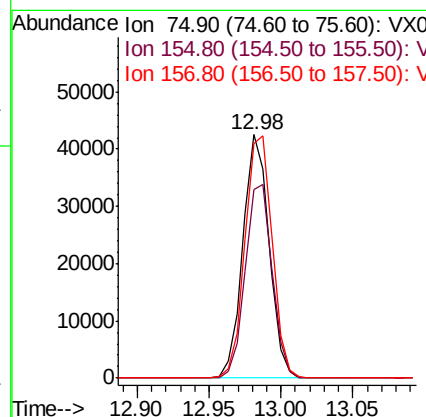
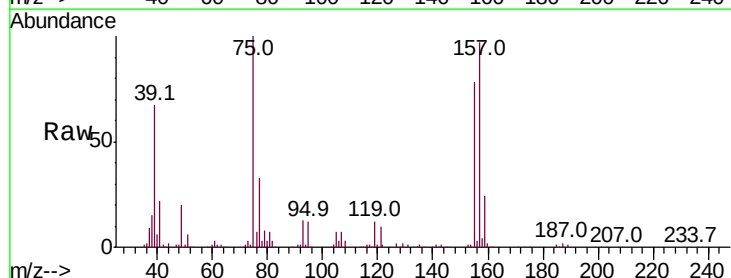
Manual Integrations
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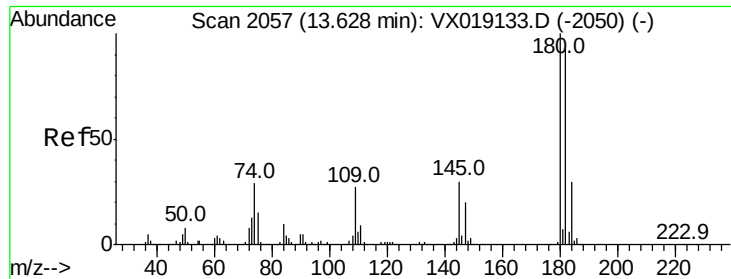
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11/5/2020 7:02:24 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.374 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.5	42.8	128.4
157	103.1	54.8	164.4





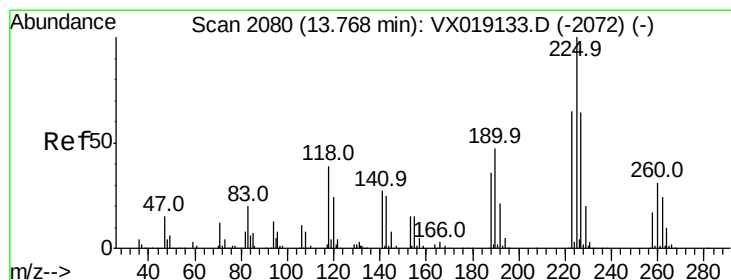
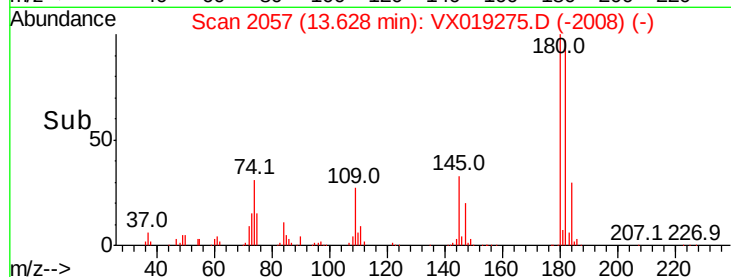
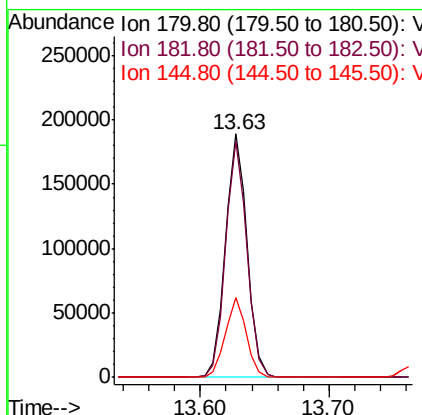
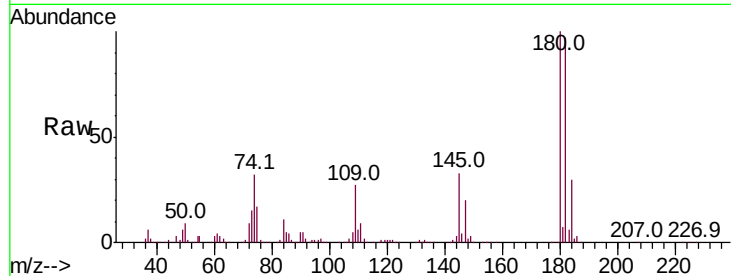
#93
 1,2,4-Trichlorobenzene
 Concen: 47.961 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	223442		
182	95.7	46.8	140.3	
145	31.8	15.5	46.5	

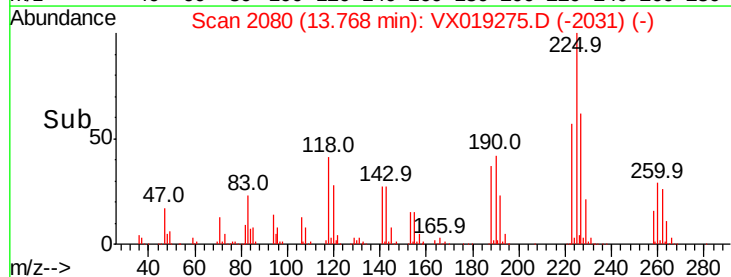
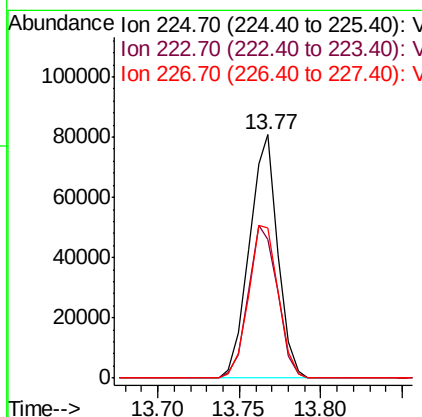
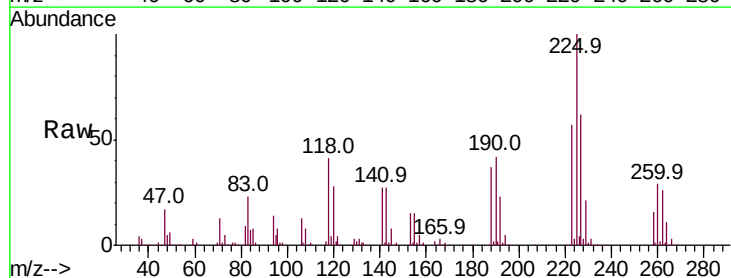
Manual Integrations
 APPROVED

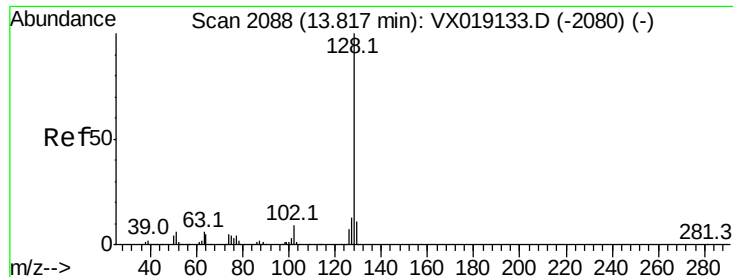
MMDadoda
 11/5/2020 7:02:24 PM



#94
 Hexachlorobutadiene
 Concen: 47.796 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98021		
223	64.6	32.4	97.2	
227	65.7	31.6	94.7	





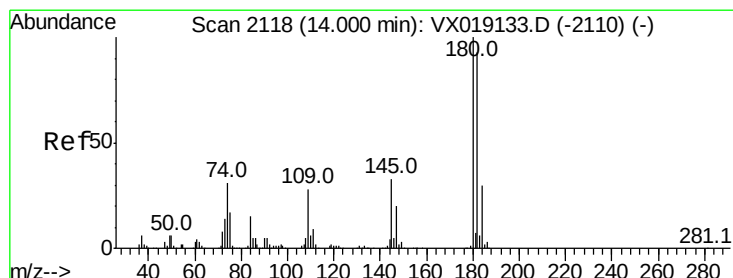
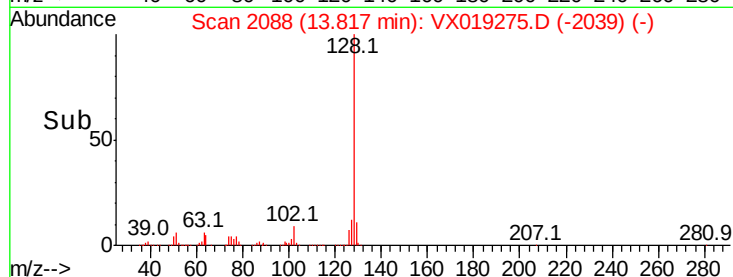
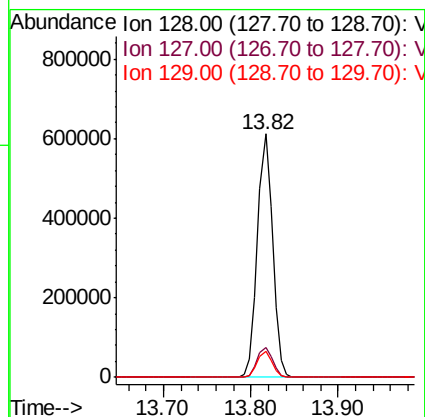
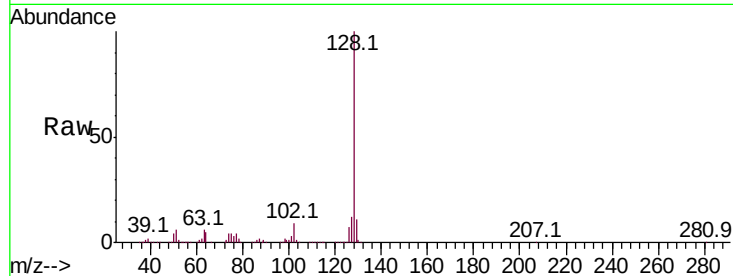
#95
Naphthalene
Concen: 49.895 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
11/5/2020 7:02:24 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.580 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.8	143.3
145	33.7	16.5	49.5

