

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
 Data File : VX018934.D
 Acq On : 15 Oct 2020 14:02
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
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Quant Time: Oct 15 14:45:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 14:34:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	54907	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	306587	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.09	117	284481	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	106421	25.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	85.30%
60) 4-Bromofluorobenzene	11.12	95	132919	27.51	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.70%
63) Toluene-d8	8.70	98	361185	29.15	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	47110	16.613	ug/l 100
3) Chloromethane	1.31	50	58300	18.832	ug/l 100
4) Vinyl Chloride	1.39	62	66236	20.013	ug/l 100
5) Bromomethane	1.63	94	44022	20.012	ug/l 100
6) Chloroethane	1.71	64	44399	21.705	ug/l 100
7) Trichlorofluoromethane	1.92	101	103334	18.698	ug/l 100
8) Diethyl Ether	2.17	74	40494	22.295	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58278	20.316	ug/l 100
10) 1,1-Dichloroethene	2.36	96	59453	20.917	ug/l 100
11) Methyl Iodide	2.49	142	65825	20.693	ug/l 100
12) Methyl Acetate	2.75	43	57782	16.271	ug/l 100
13) Acrolein	2.27	56	50486	145.961	ug/l 100
14) Acrylonitrile	3.11	53	135815	84.100	ug/l 100
15) Acetone	2.42	58	51323	110.154	ug/l 100
16) Carbon Disulfide	2.55	76	146628	18.343	ug/l 100
17) Allyl chloride	2.70	41	77058	16.045	ug/l 100
18) Methylene Chloride	2.83	84	60500	18.728	ug/l 100
19) trans-1,2-Dichloroethene	3.14	96	59697	19.247	ug/l 100
20) Diisopropyl ether	3.82	45	143452	15.327	ug/l 100
21) 1,1-Dichloroethane	3.67	63	98543	17.799	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	67175	19.601	ug/l 100
23) tert-Butyl Alcohol	3.01	59	78601	105.681	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	166977	17.247	ug/l 100
25) Chloroform	5.17	83	104569	17.709	ug/l 100
26) Cyclohexane	5.54	56	79538	17.664	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	80535	17.374	ug/l 100
30) 2-Butanone	4.63	43	199180	80.110	ug/l 100
31) 2,2-Dichloropropane	4.55	77	94995	17.061	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	97112	16.296	ug/l 100
33) Carbon Tetrachloride	5.75	117	88607	16.025	ug/l 100
34) Benzene	6.11	78	237840	17.950	ug/l 100
35) Methacrylonitrile	5.00	41	41536	15.816	ug/l 100
36) 1,2-Dichloroethane	6.16	62	78734	14.858	ug/l 100
37) Trichloroethene	7.18	130	69926	18.089	ug/l 100
38) Methylcyclohexane	7.44	83	91408	18.126	ug/l 100
39) 1,2-Dichloropropane	7.49	63	57832	16.577	ug/l 100
40) Dibromomethane	7.63	93	42871	16.934	ug/l 100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.87	83	87048	16.599	ug/l	100
42) Vinyl Acetate	3.78	43	711369	77.180	ug/l	100
43) Ethyl Acetate	4.79	43	79818	16.119	ug/l	100
44) Isopropyl Acetate	6.41	43	130950	16.234	ug/l #	100
45) 1,4-Dioxane	7.71	88	29660	415.973	ug/l	100
46) Methyl methacrylate	7.74	41	62101	15.670	ug/l	100
47) n-amyl Acetate	10.88	43	115841	16.260	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	100531	17.570	ug/l	100
49) cis-1,3-Dichloropropene	8.41	75	107448	17.898	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	63603	17.829	ug/l	100
51) Ethyl methacrylate	9.16	69	97897	18.543	ug/l	100
52) 1,3-Dichloropropane	9.35	76	103891	17.562	ug/l	100
53) Dibromochloromethane	9.56	129	76024	17.127	ug/l	100
54) 1,2-Dibromoethane	9.65	107	69501	17.684	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	259676	94.517	ug/l	100
56) Bromoform	10.84	173	56379	16.683	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	394682	82.810	ug/l	100
59) 2-Hexanone	9.47	43	307822	84.659	ug/l	100
61) Tetrachloroethene	9.32	164	61977	17.702	ug/l	100
62) Toluene	8.76	91	268969	18.742	ug/l	100
64) Chlorobenzene	10.12	112	175821	19.029	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	67536	18.157	ug/l	100
66) Ethyl Benzene	10.23	91	306959	19.183	ug/l	100
67) m/p-Xylenes	10.34	106	237743	38.819	ug/l	100
68) o-Xylene	10.68	106	112738	19.357	ug/l	100
69) Styrene	10.70	104	192573	19.092	ug/l	100
70) Isopropylbenzene	11.00	105	302888	18.906	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	90512	17.616	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	86889m	17.645	ug/l	
73) Bromobenzene	11.24	156	77698	17.941	ug/l	100
74) n-propylbenzene	11.34	91	345383	18.414	ug/l	100
75) 2-Chlorotoluene	11.40	91	199160	17.702	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	252368	18.208	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	37549	19.024	ug/l	100
78) 4-Chlorotoluene	11.49	91	232528	17.371	ug/l	100
79) tert-butylbenzene	11.76	119	255047	18.934	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	249888	18.261	ug/l	100
81) sec-Butylbenzene	11.93	105	291218	18.542	ug/l	100
82) p-Isopropyltoluene	12.05	119	272542	18.597	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	133932	17.428	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	134994	17.562	ug/l	100
85) n-Butylbenzene	12.37	91	238559	18.445	ug/l	100
86) Hexachloroethane	12.58	117	45913	16.330	ug/l	100
87) 1,2-Dichlorobenzene	12.37	146	130082	17.932	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	21644	16.455	ug/l	100
89) 1,2,4-Trichlorobenzene	13.63	180	91379	18.347	ug/l	100
90) Hexachlorobutadiene	13.77	225	38554	18.531	ug/l	100
91) Naphthalene	13.82	128	304636	19.358	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	90417	18.367	ug/l	100

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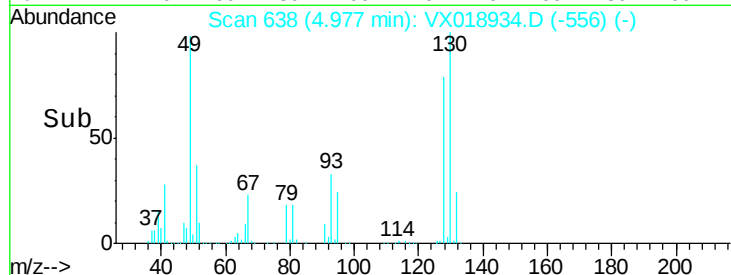
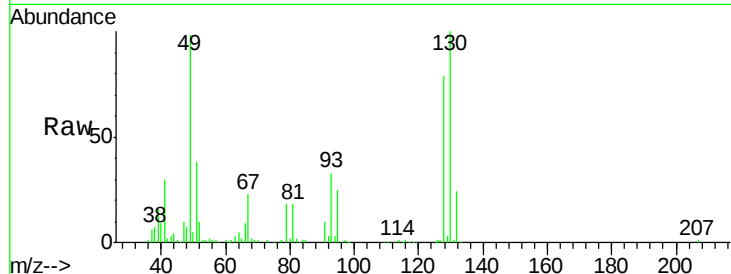
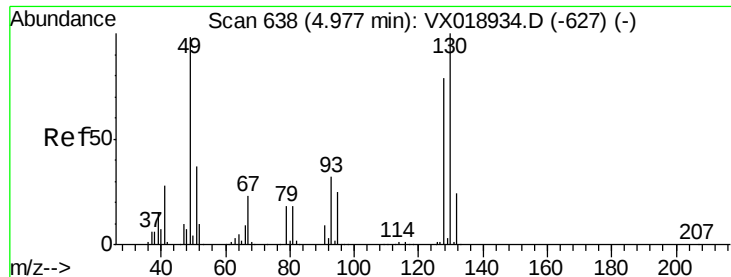
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



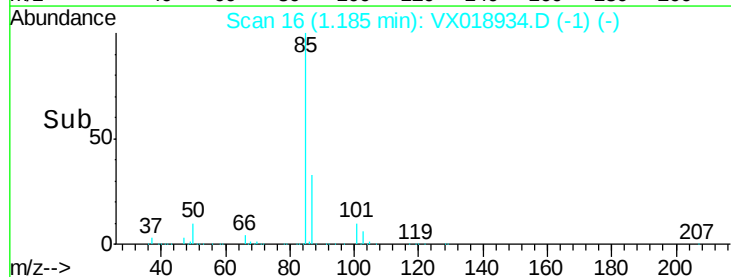
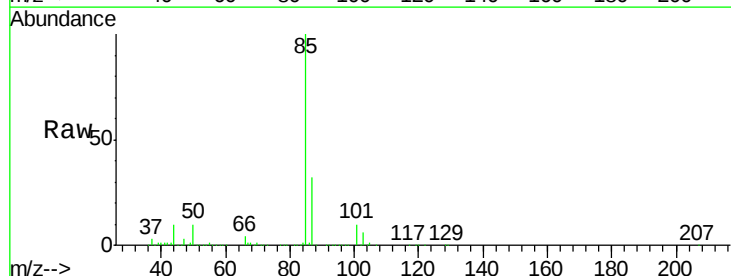
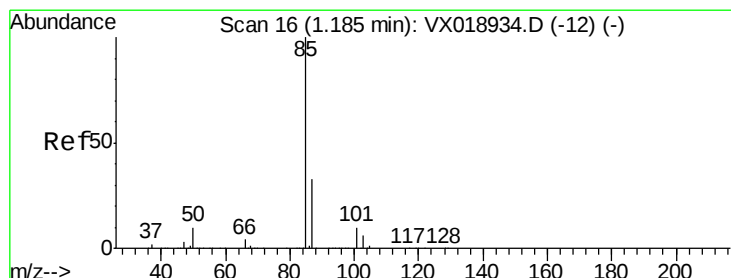
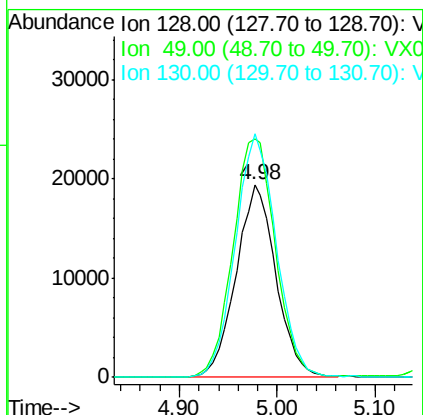
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tot Ion	Ratio	Lower	Upper
128	100		
49	132.2	0.0	330.5
130	129.5	0.0	323.8

Instrument :
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VSTDICCC020

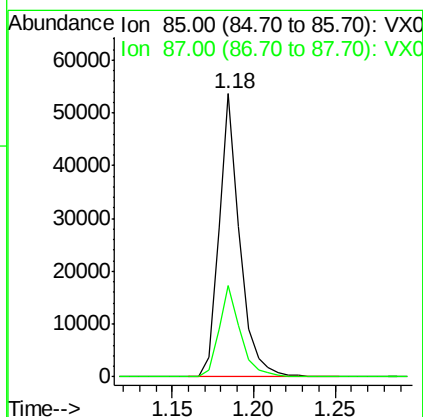
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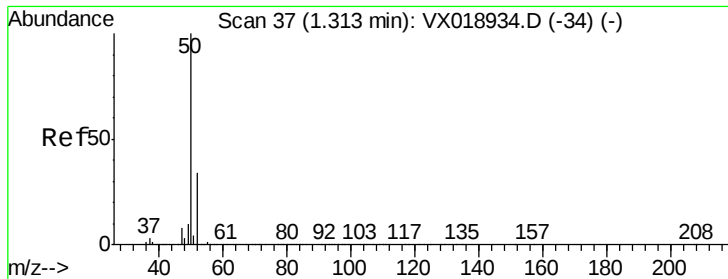
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#2
Dichlorodifluoromethane
Concen: 16.613 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.3	48.8





#3

Chloromethane

Concen: 18.832 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 50 Resp: 58300

Ion Ratio Lower Upper

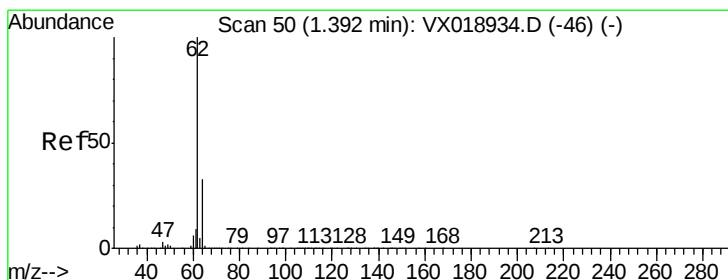
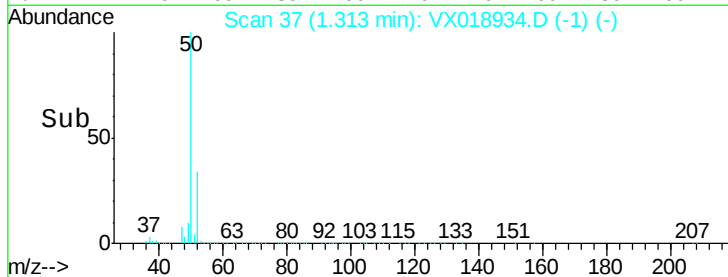
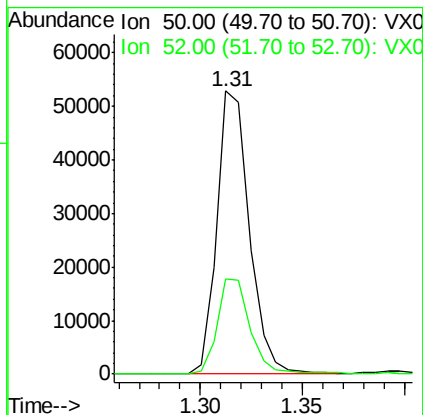
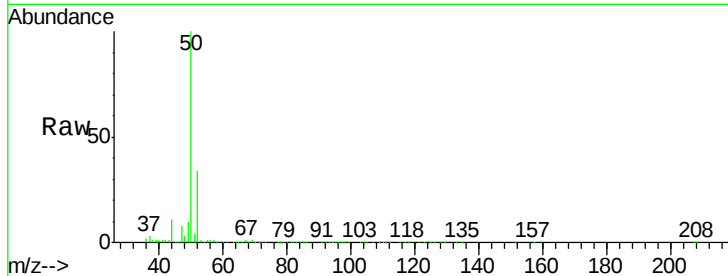
50 100

52 33.7 27.0 40.4

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#4

Vinyl Chloride

Concen: 20.013 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018934.D

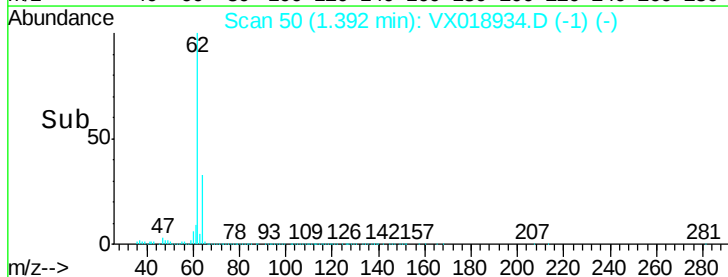
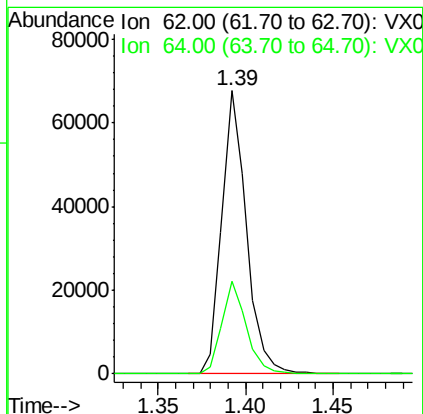
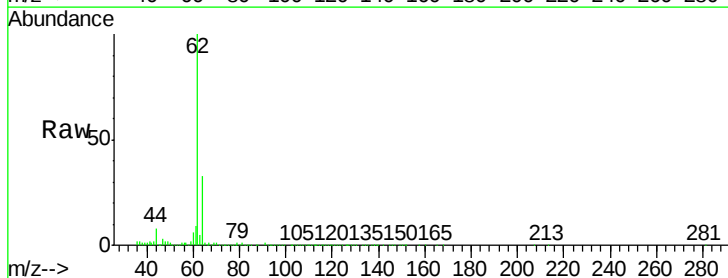
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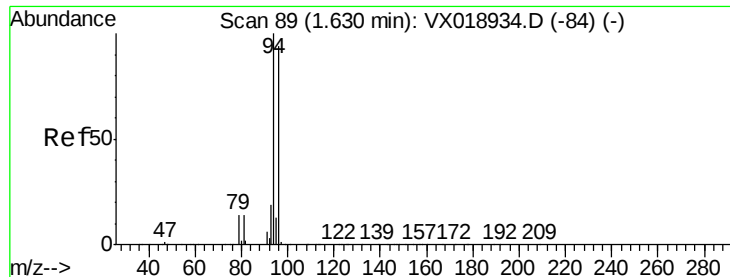
Tgt Ion: 62 Resp: 66236

Ion Ratio Lower Upper

62 100

64 32.6 26.1 39.1





#5

Bromomethane

Concen: 20.012 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 94 Resp: 44022

Ion Ratio Lower Upper

94 100

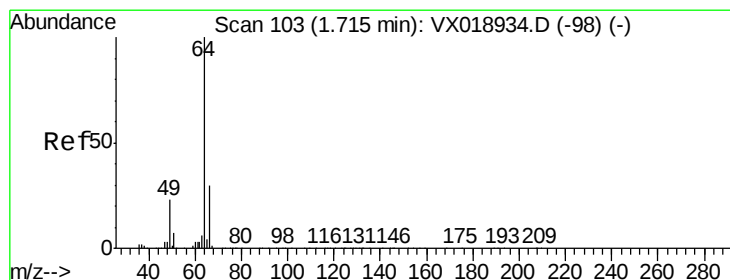
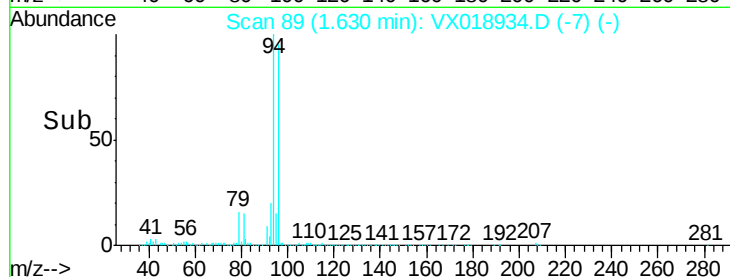
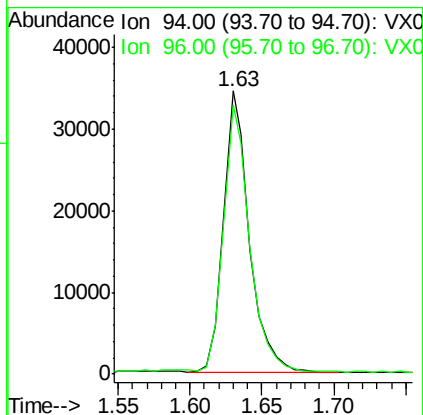
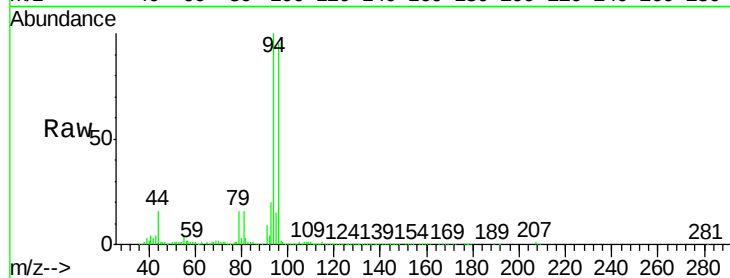
96 94.9 75.9 113.9

Manual Integrations

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#6

Chloroethane

Concen: 21.705 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018934.D

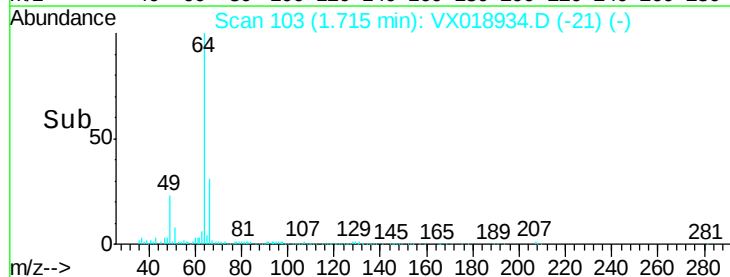
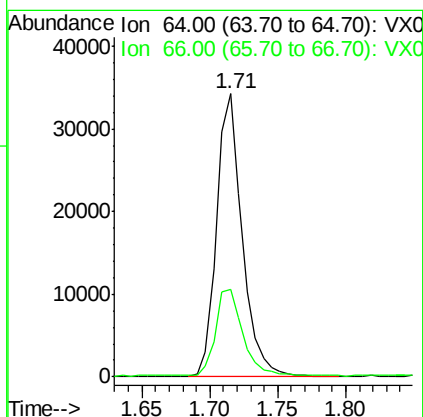
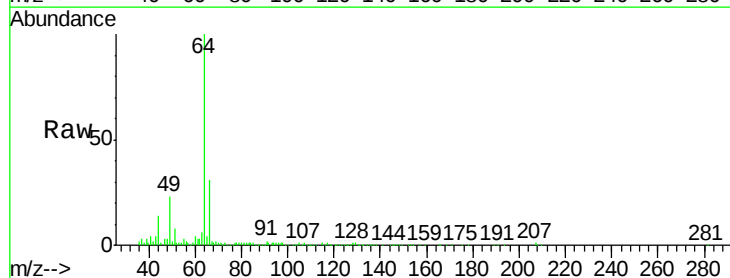
Acq: 15 Oct 2020 14:02

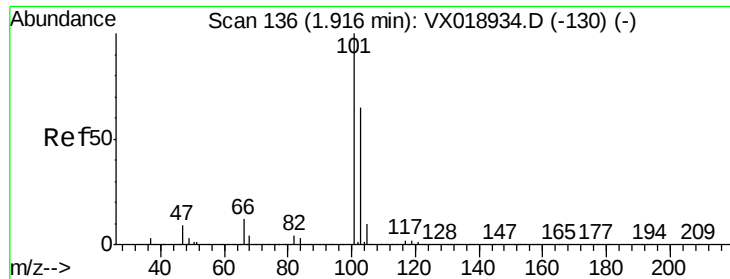
Tgt Ion: 64 Resp: 44399

Ion Ratio Lower Upper

64 100

66 30.6 24.5 36.7





#7

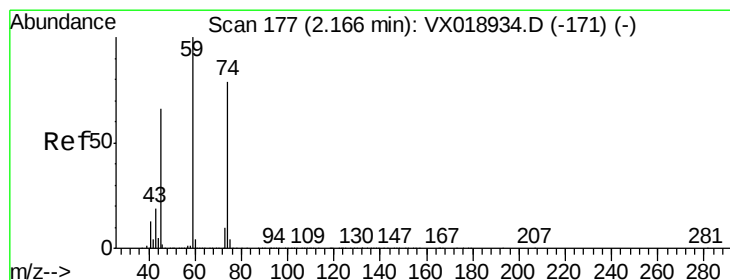
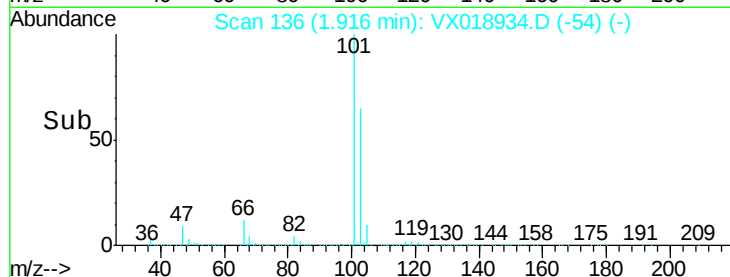
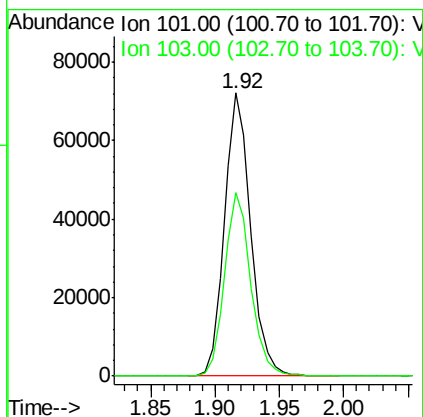
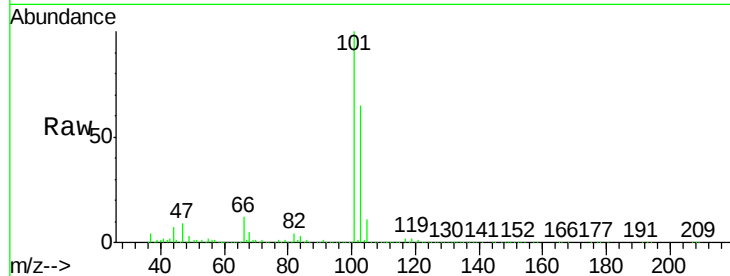
Trichlorofluoromethane
Concen: 18.698 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Instrument :
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ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.8	77.6

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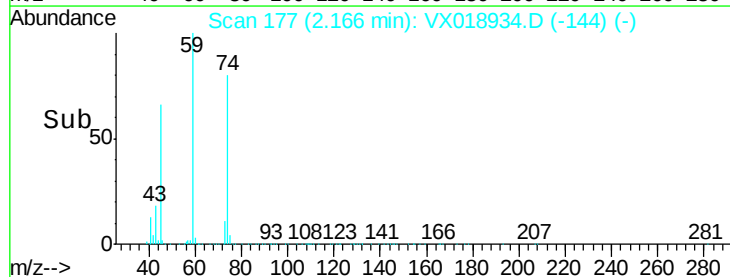
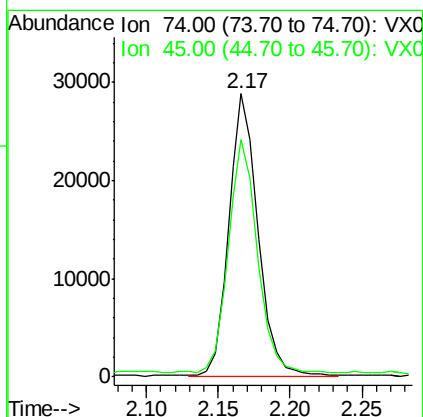
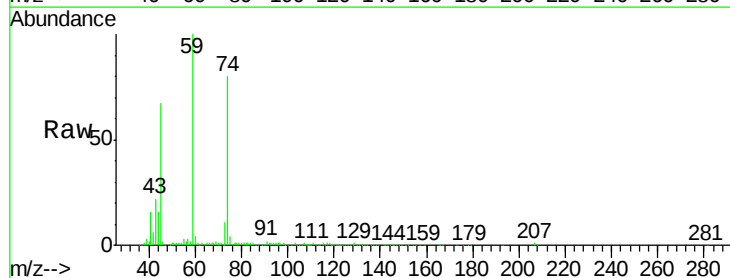
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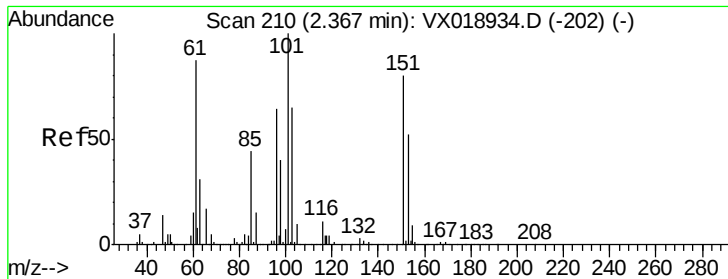


#8

Diethyl Ether
Concen: 22.295 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.1	16.6	149.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.316 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

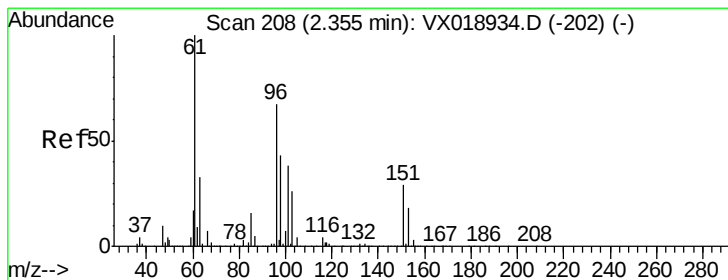
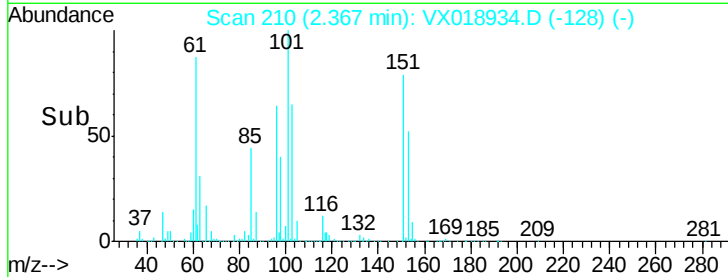
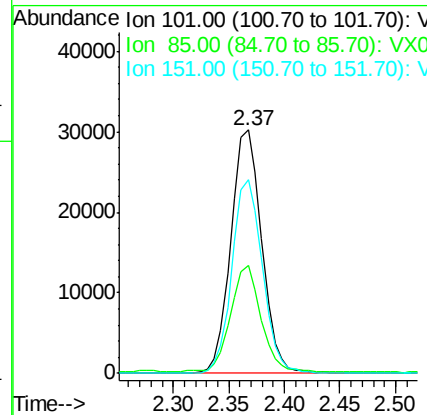
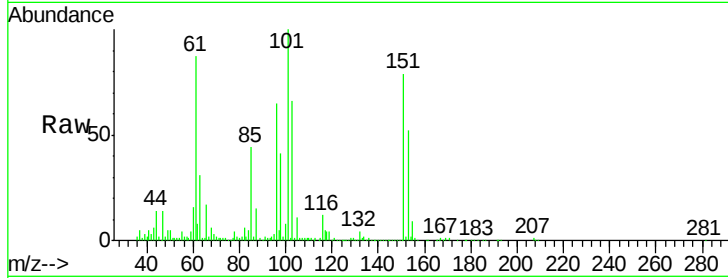
ClientSampleId :

VSTDICCC020

Tot Ion:	101	Resp:	58278
Ion Ratio	Lower	Upper	
101	100		
85	42.7	0.0	85.4
151	78.8	0.0	157.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 20.917 ug/l

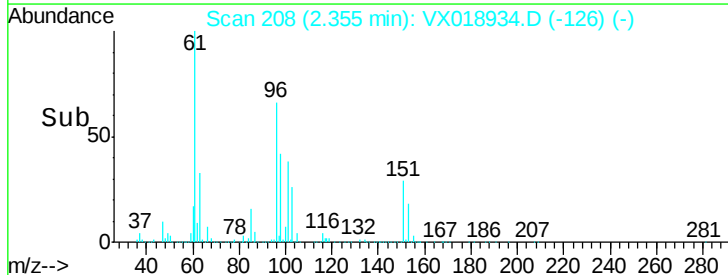
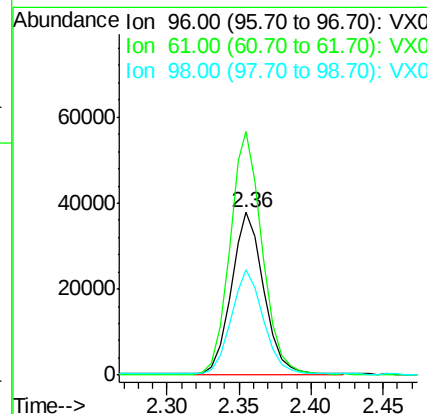
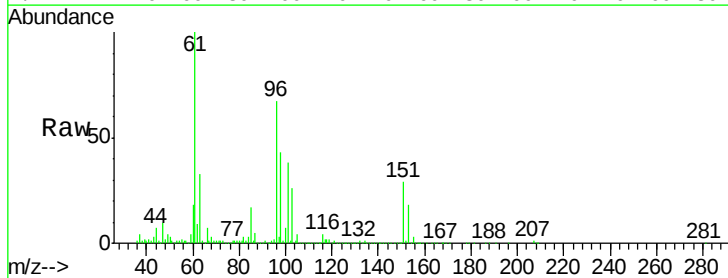
RT: 2.36 min Scan# 208

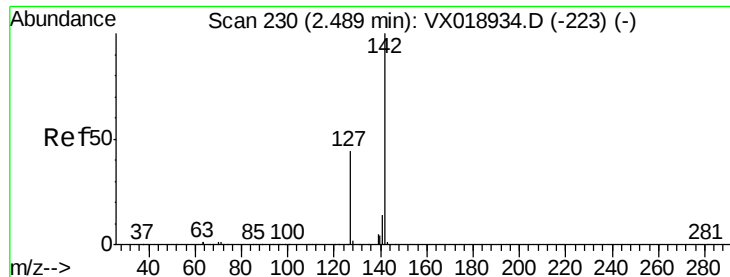
Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Tgt Ion:	96	Resp:	59453
Ion Ratio	Lower	Upper	
96	100		
61	150.3	120.2	180.4
98	64.2	51.4	77.0





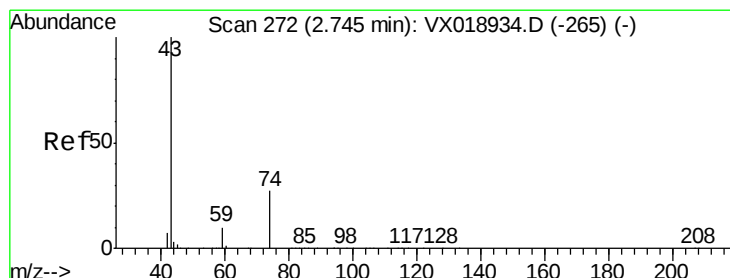
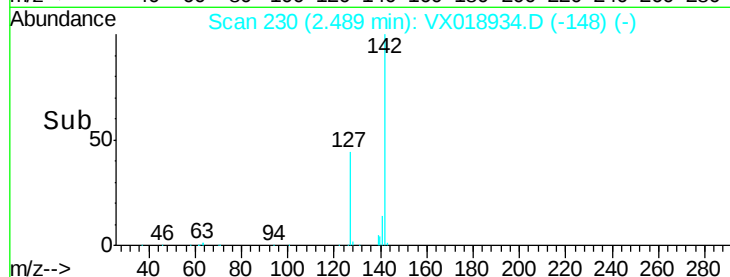
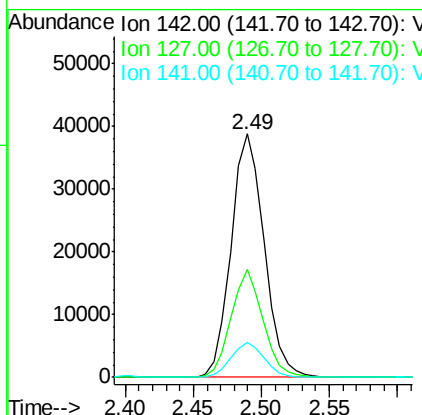
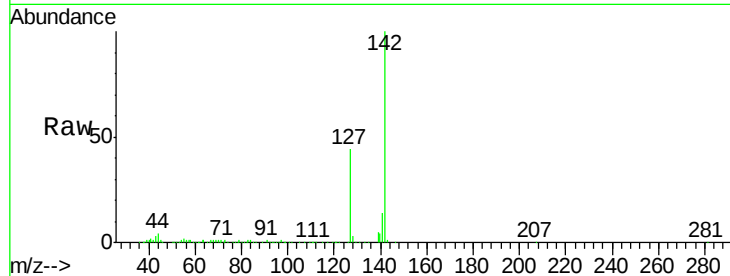
#11
Methyl Iodide
Concen: 20.693 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.1	22.1	66.1
141	14.1	7.0	21.1

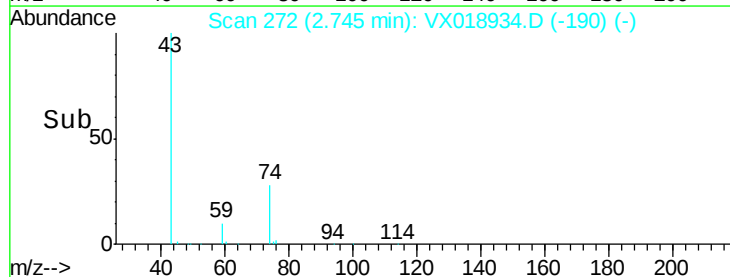
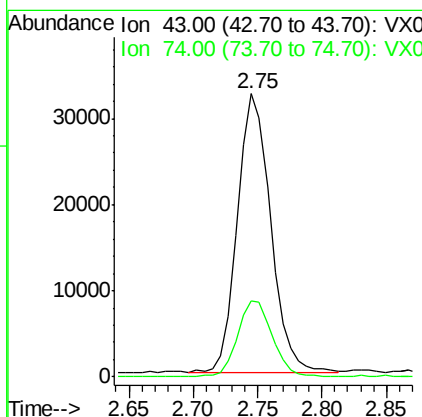
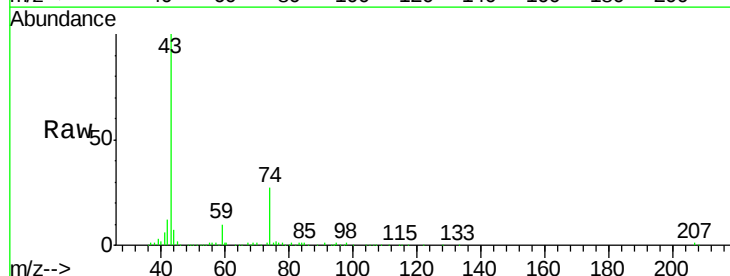
Manual Integrations
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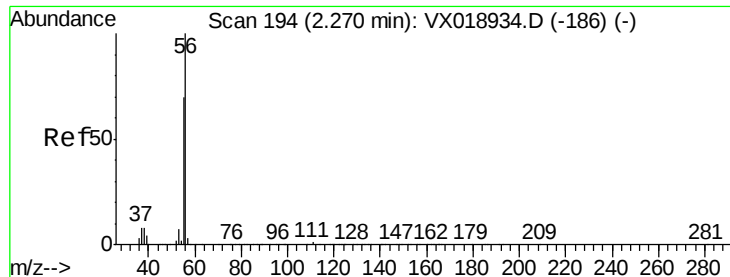
apatel
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#12
Methyl Acetate
Concen: 16.271 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.2	21.6	32.4





#13

Acrolein

Concen: 145.961 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 56 Resp: 50486

Ion Ratio Lower Upper

56 100

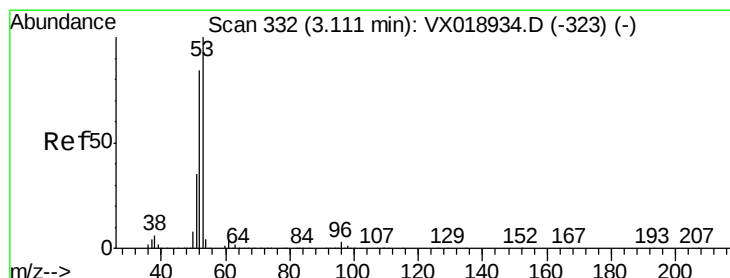
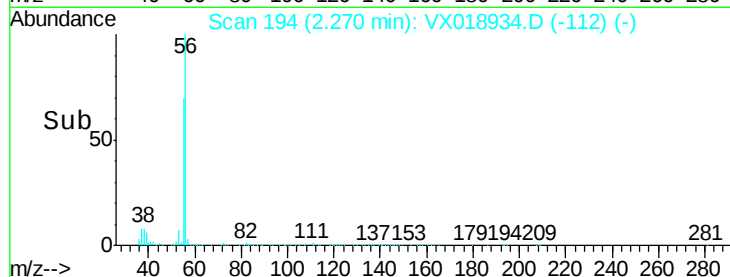
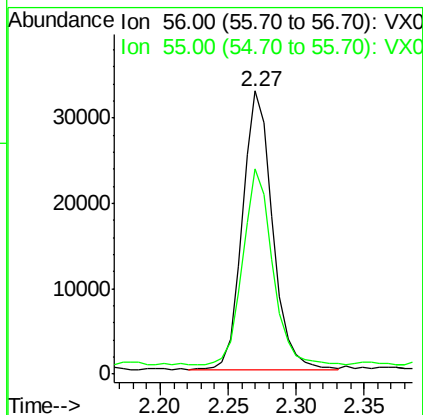
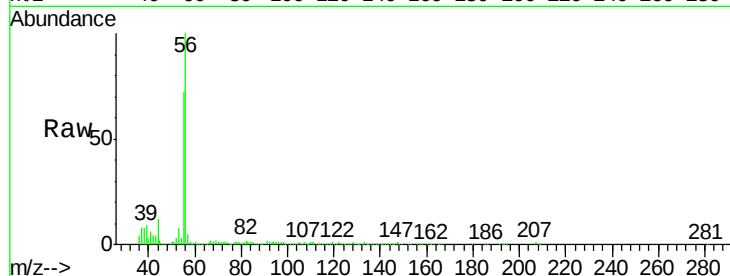
55 71.4 57.1 85.7

Manual Integrations

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#14

Acrylonitrile

Concen: 84.100 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

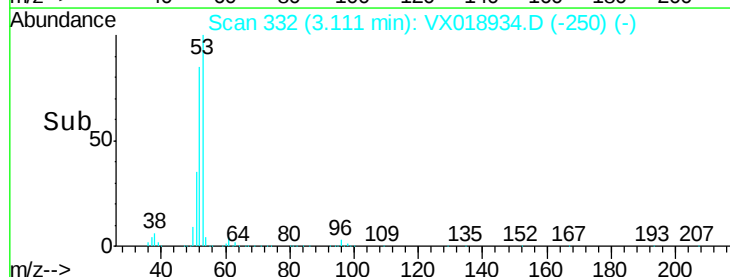
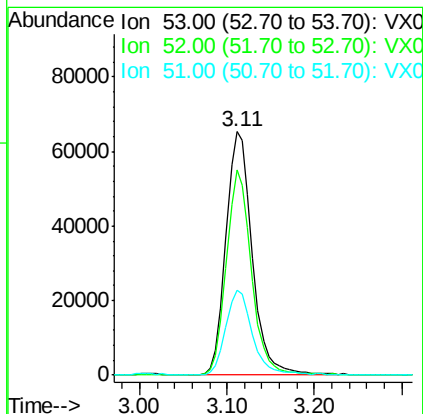
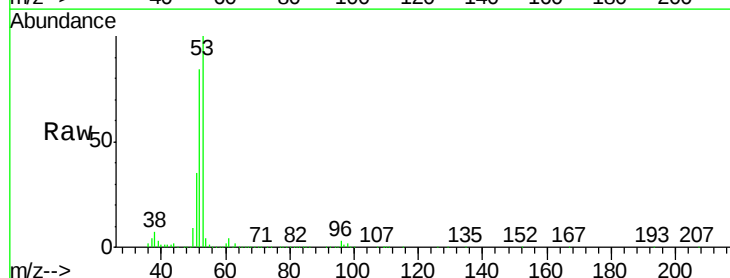
Tgt Ion: 53 Resp: 135815

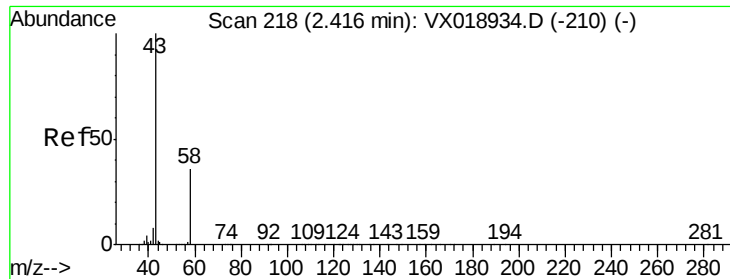
Ion Ratio Lower Upper

53 100

52 80.6 40.3 120.8

51 35.2 17.6 52.8





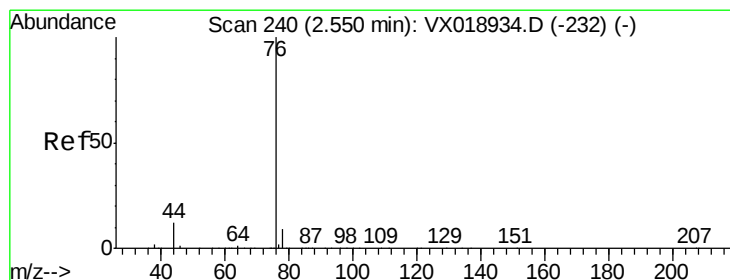
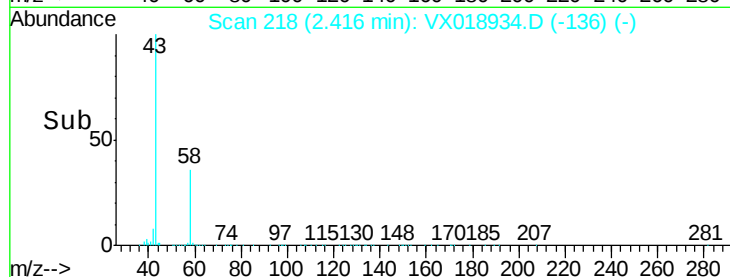
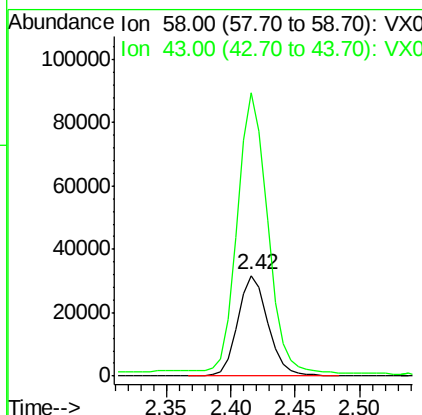
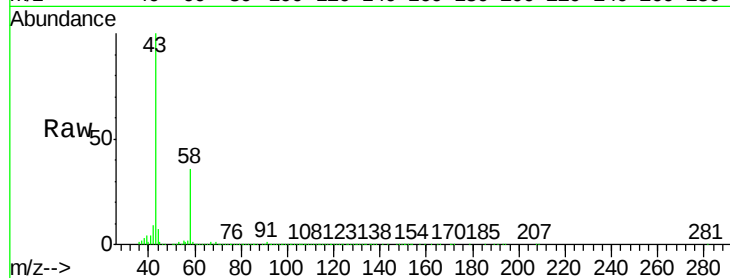
#15
Acetone
Concen: 110.154 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion: 58 Resp: 51323
Ion Ratio Lower Upper
58 100
43 279.8 223.8 335.8

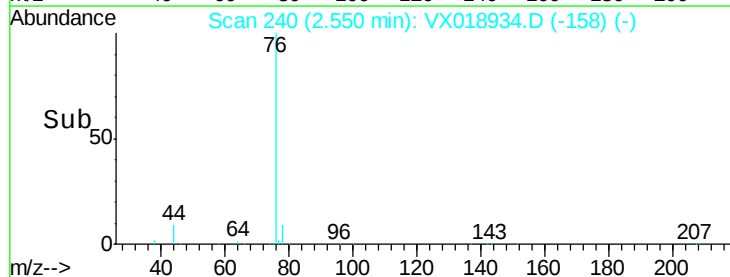
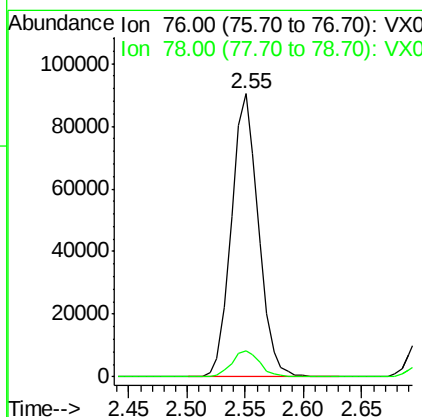
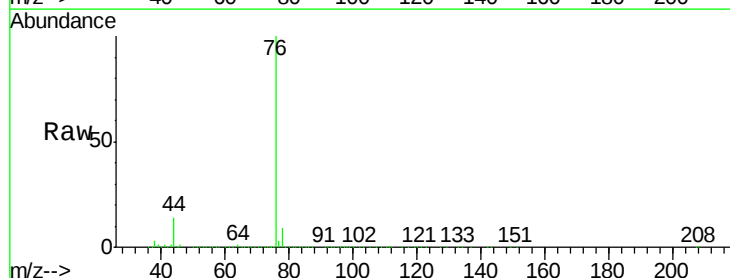
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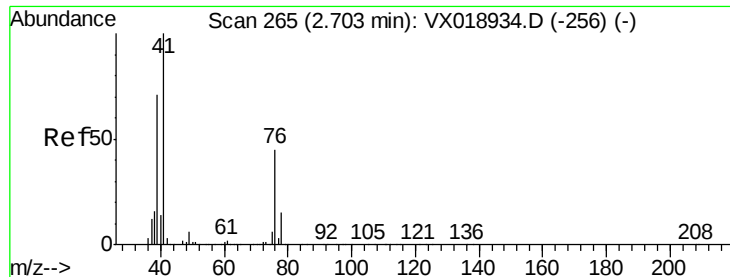
apatel
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#16
Carbon Disulfide
Concen: 18.343 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion: 76 Resp: 146628
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2





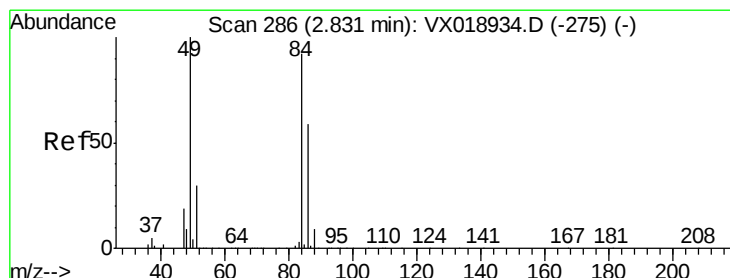
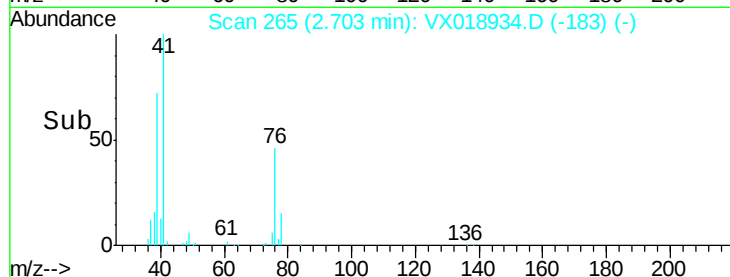
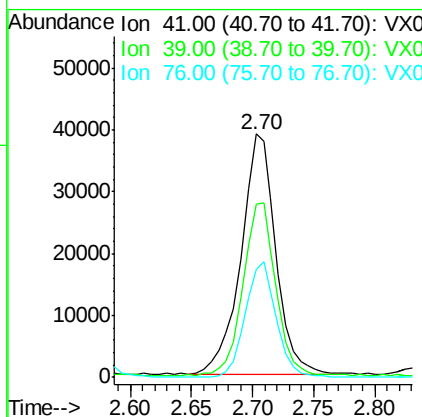
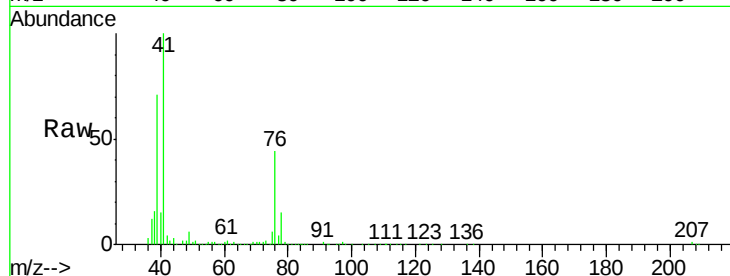
#17
Allvl chloride
Concen: 16.045 ug/l
RT: 2.70 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion:	41	Resp:	77058
Ion	Ratio	Lower	Upper
41	100		
39	70.9	35.4	106.3
76	44.8	22.4	67.2

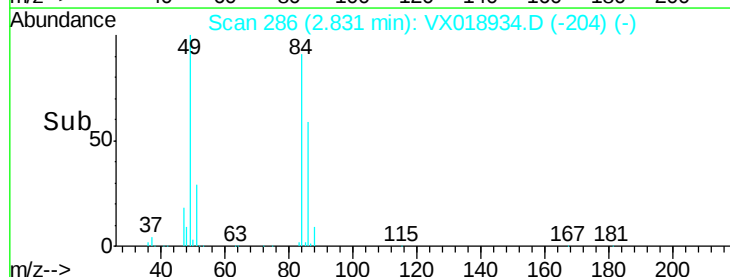
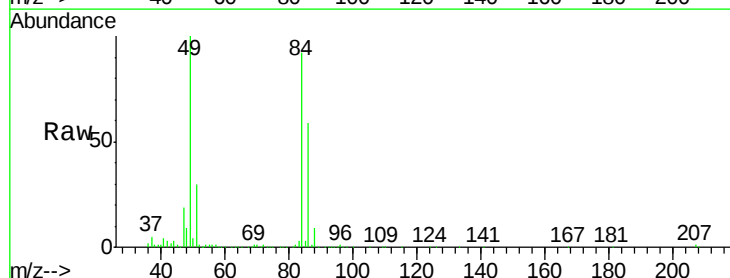
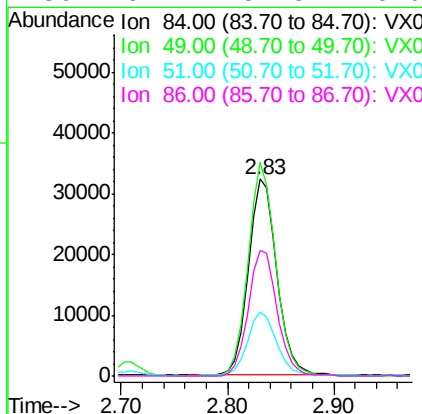
Manual Integrations
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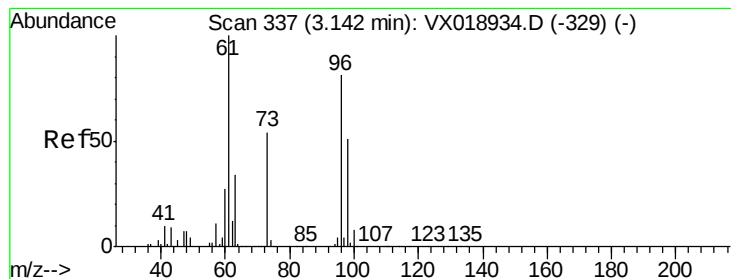
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#18
Methylene Chloride
Concen: 18.728 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion:	84	Resp:	60500
Ion	Ratio	Lower	Upper
84	100		
49	109.0	87.2	130.8
51	32.4	25.9	38.9
86	64.1	51.3	76.9





#19

trans-1,2-Dichloroethene

Concen: 19.247 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

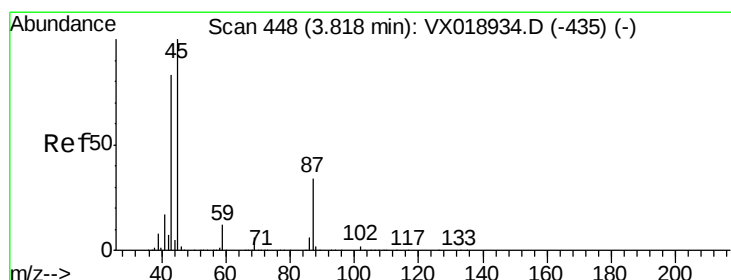
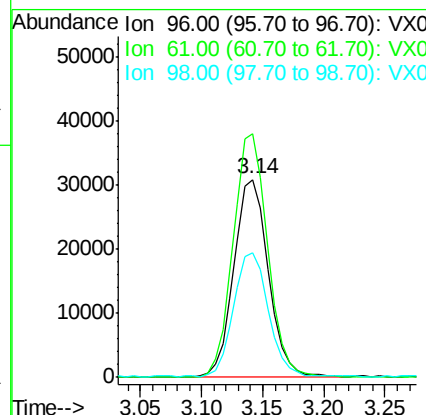
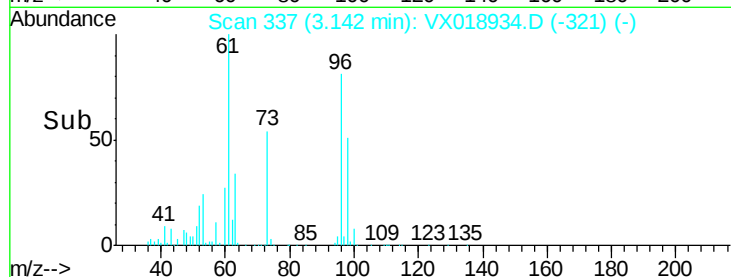
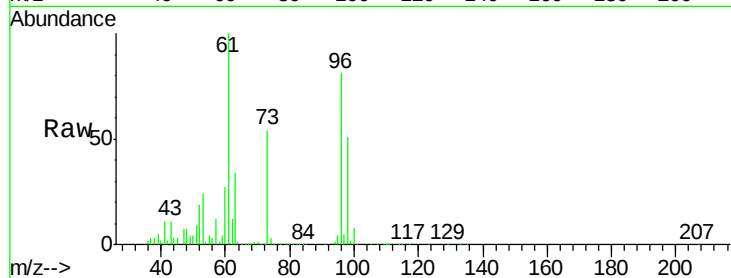
ClientSampleId :

VSTDICCC020

Tot Ion:	96	Resp:	59697
Ion	Ratio	Lower	Upper
96	100		
61	123.2	98.6	147.8
98	62.9	50.3	75.5

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#20

Diisopropyl ether

Concen: 15.327 ug/l

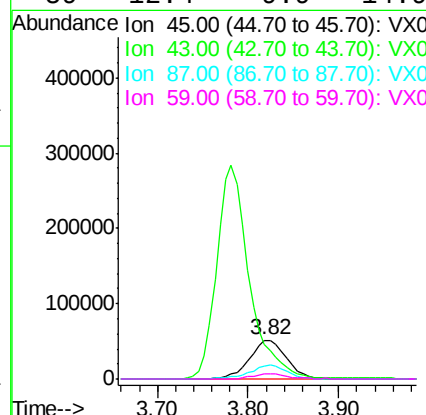
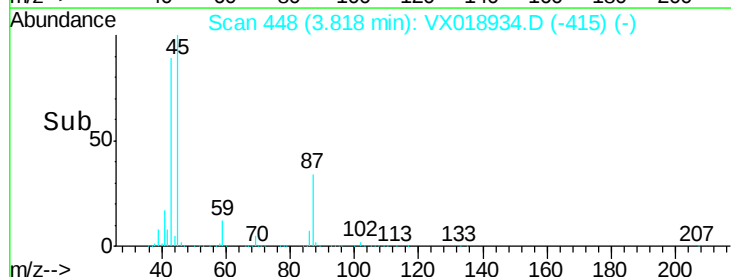
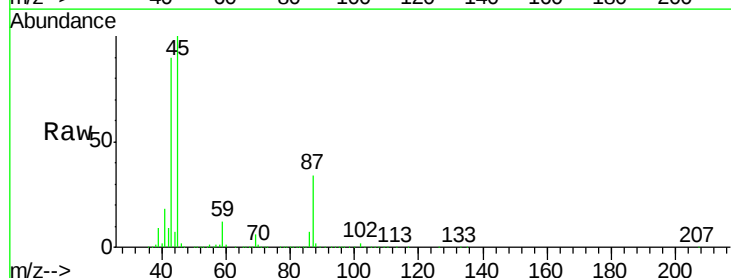
RT: 3.82 min Scan# 448

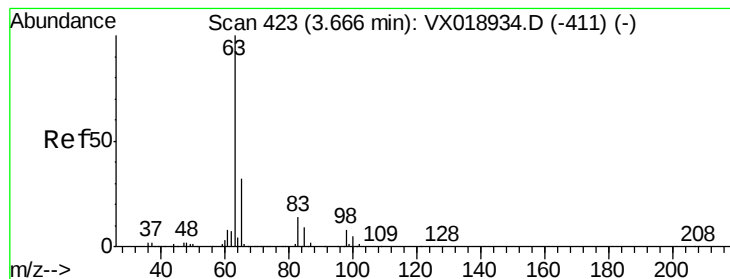
Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Tgt Ion:	45	Resp:	143452
Ion	Ratio	Lower	Upper
45	100		
43	87.1	69.7	104.5
87	33.6	26.9	40.3
59	12.4	9.9	14.9





#21

1,1-Dichloroethane

Concen: 17.799 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

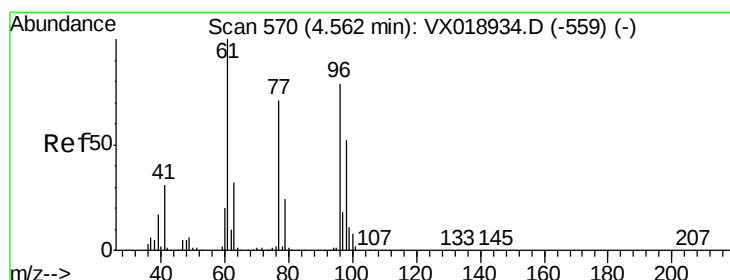
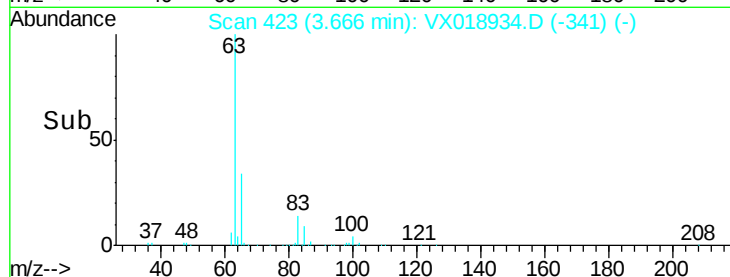
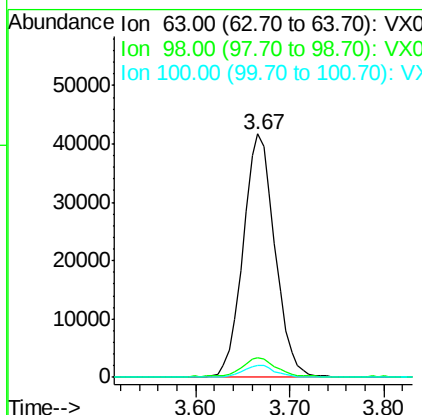
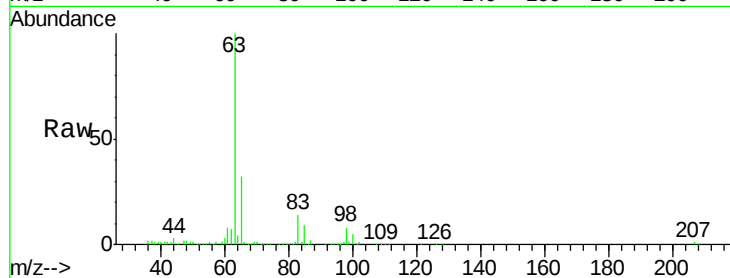
ClientSampleId :

VSTDICCC020

Tot Ion:	63	Resp:	98543
Ion	Ratio	Lower	Upper
63	100		
98	7.9	4.0	11.9
100	5.1	2.5	7.6

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 19.601 ug/l

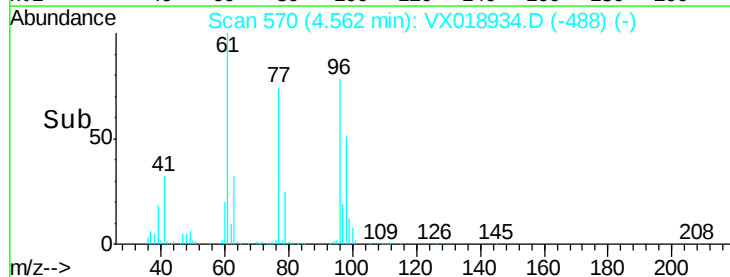
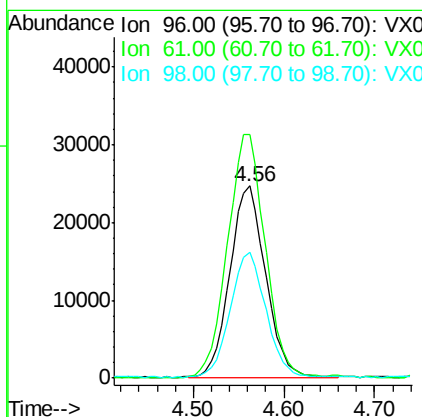
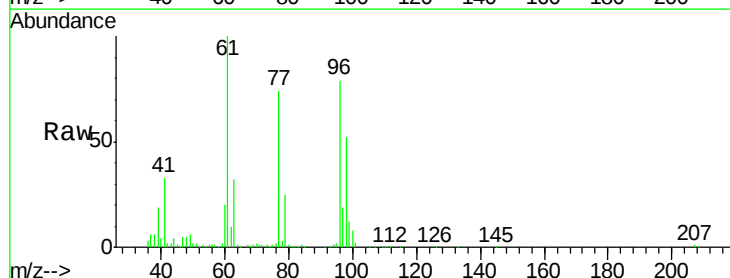
RT: 4.56 min Scan# 570

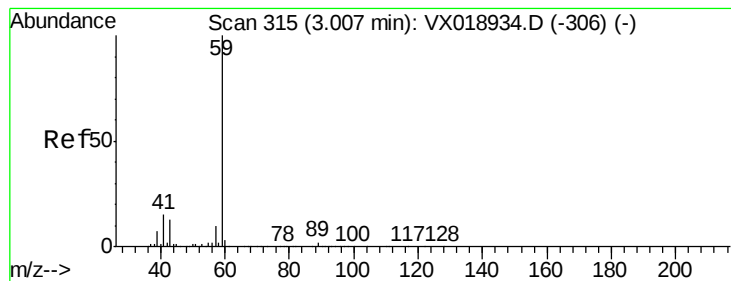
Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Tgt Ion:	96	Resp:	67175
Ion	Ratio	Lower	Upper
96	100		
61	134.9	107.7	161.5
98	65.2	51.9	77.9





#23

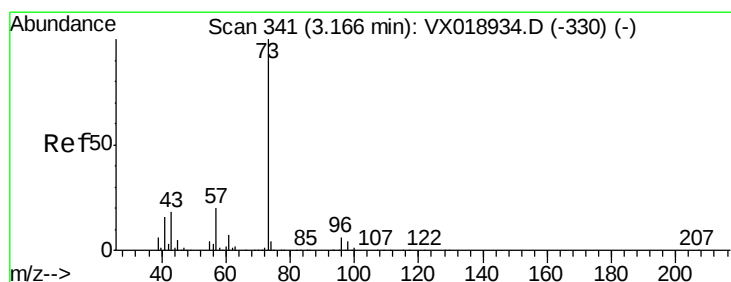
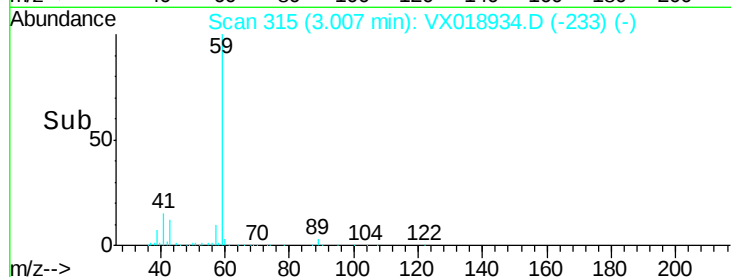
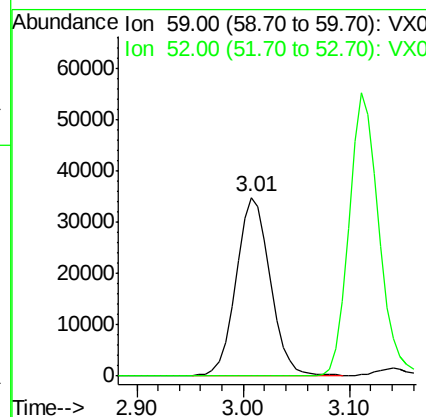
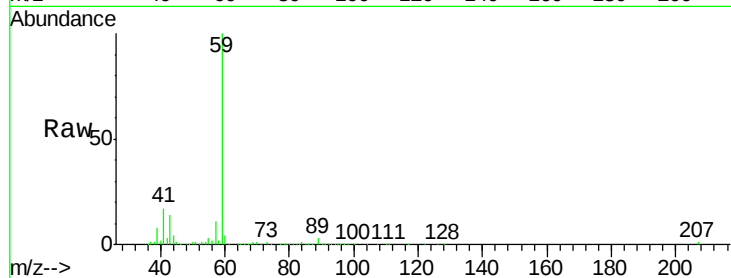
tert-Butyl Alcohol
Concen: 105.681 ug/l
RT: 3.01 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	59	Ratio	Lower	Upper
59	100			
52	0.2	0.2	0.2	

Manual Integrations
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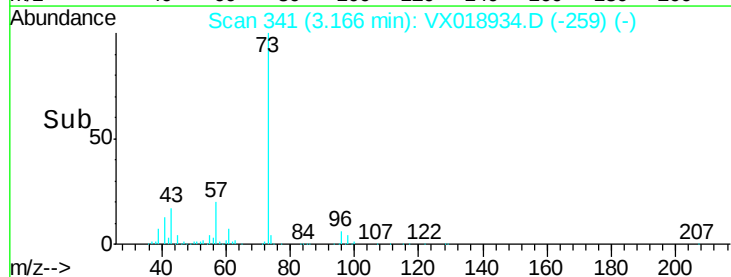
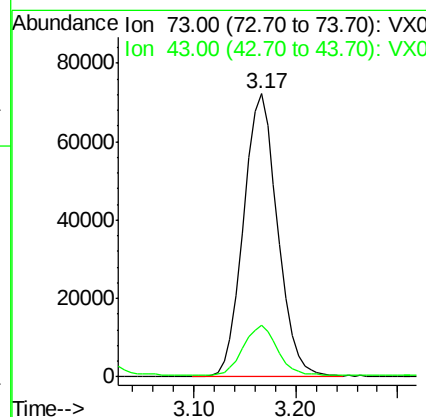
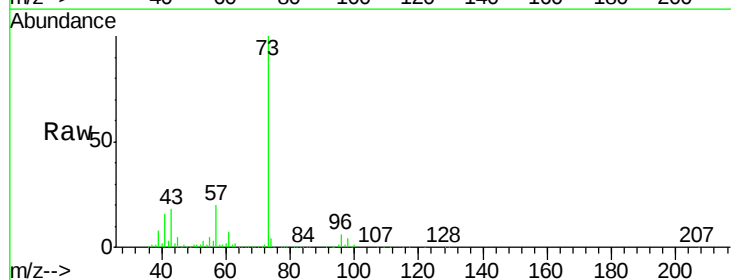
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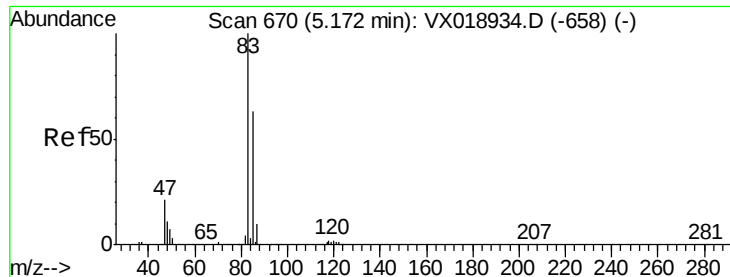


#24

Methyl tert-Butyl Ether
Concen: 17.247 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion	73	Ratio	Lower	Upper
73	100			
43	17.3	13.8	20.8	





#25

Chloroform

Concen: 17.709 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 83 Resp: 104569

Ion Ratio Lower Upper

83 100

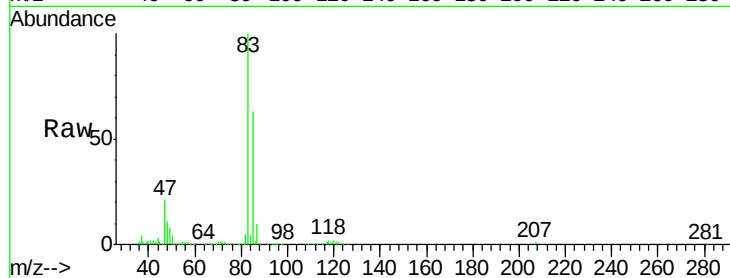
85 62.9 50.3 75.5

Manual Integrations

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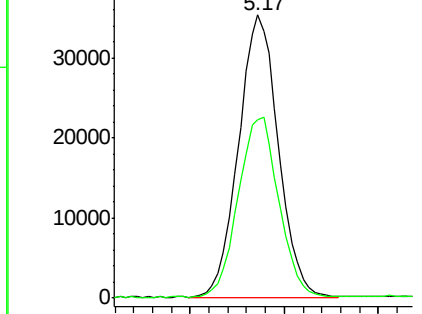
apatel

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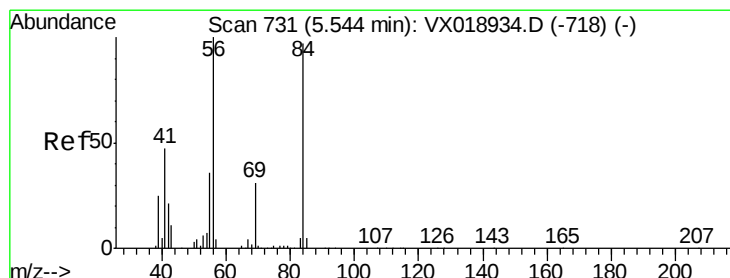
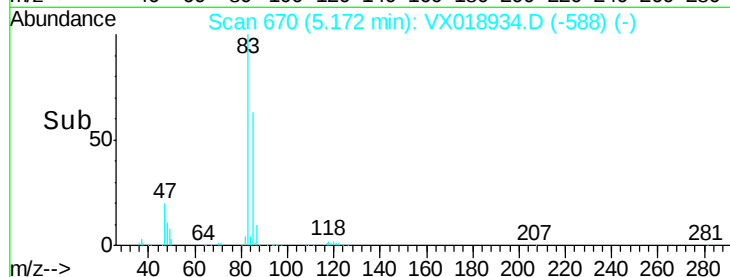


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



Time-->



#26

Cyclohexane

Concen: 17.664 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

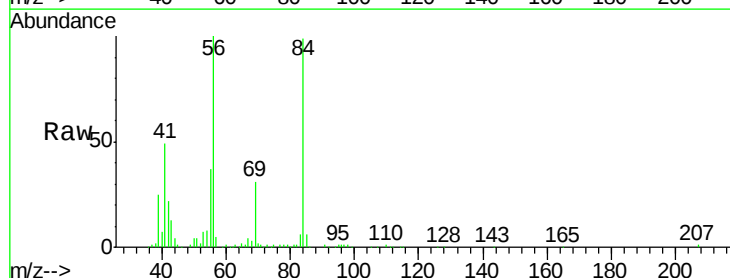
Tgt Ion: 56 Resp: 79538

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

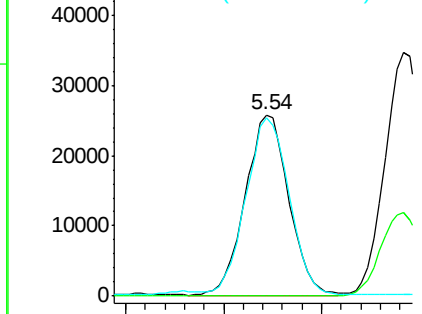
84 97.6 78.0 117.0



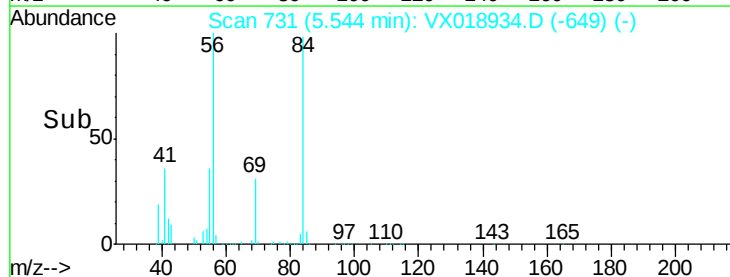
Abundance Ion 56.00 (55.70 to 56.70): VX0

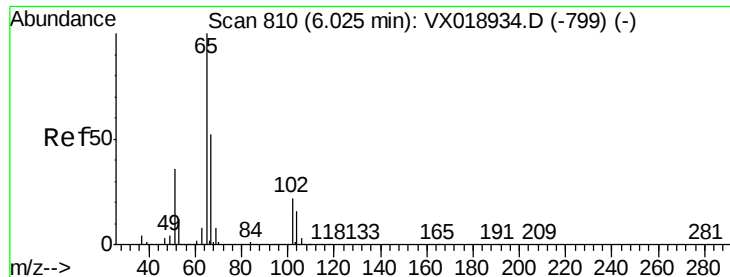
Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



Time-->





#27

1,2-Dichloroethane-d4

Concen: 25.589 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 65 Resp: 106421

Ion Ratio Lower Upper

65 100

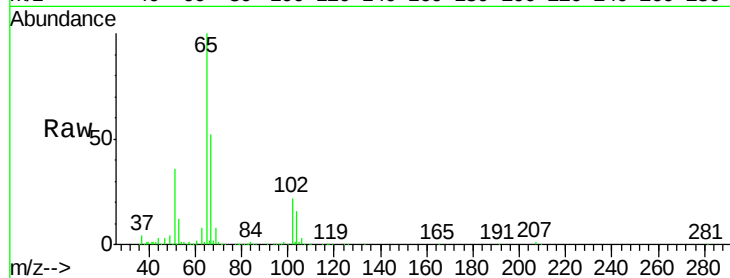
67 52.6 42.1 63.1

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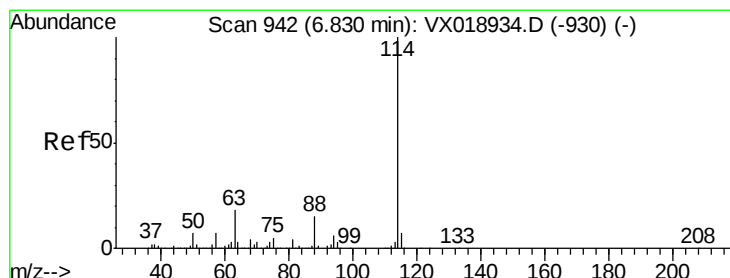
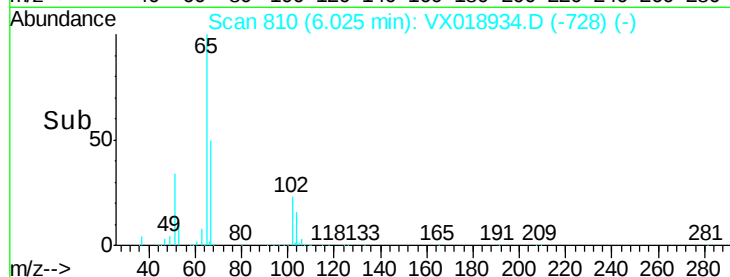
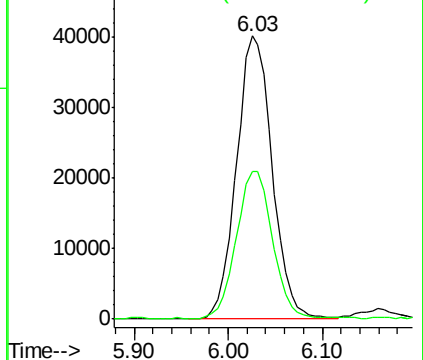
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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

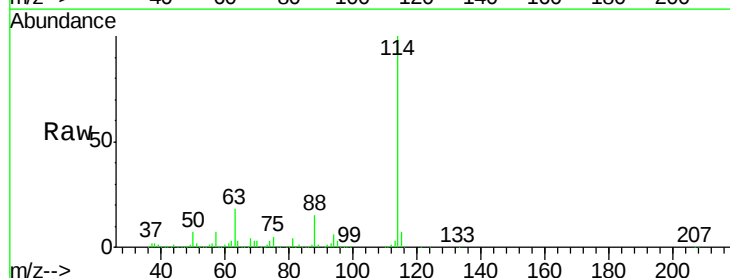
Tgt Ion: 114 Resp: 306587

Ion Ratio Lower Upper

114 100

63 18.2 14.6 21.8

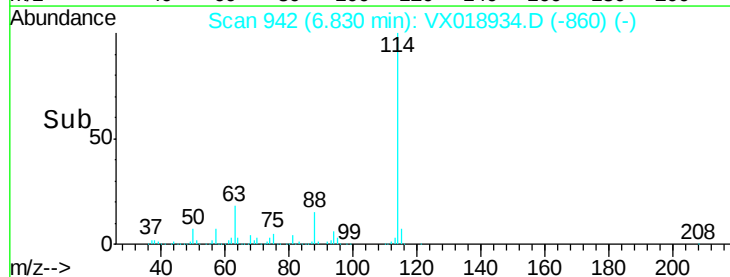
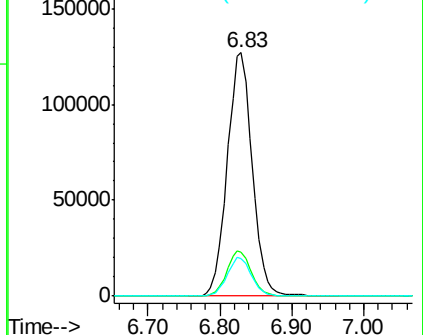
88 15.4 12.3 18.5

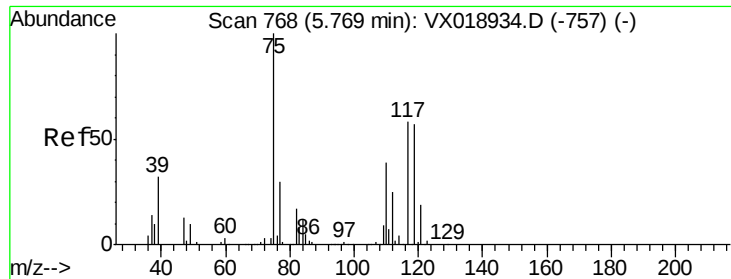


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





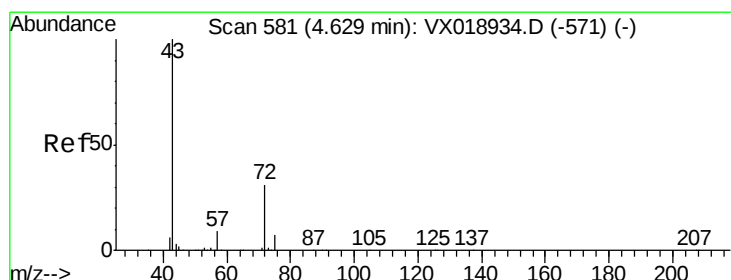
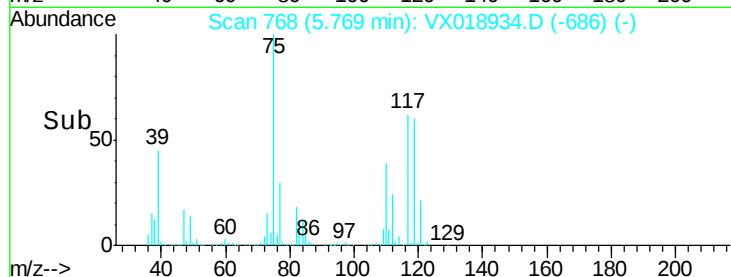
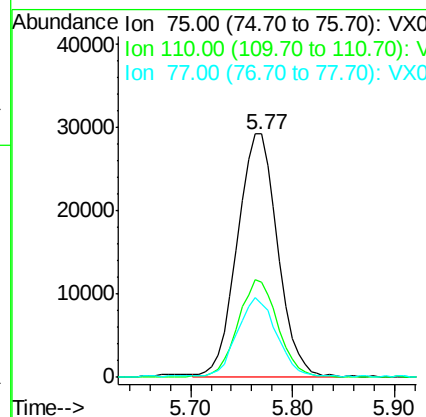
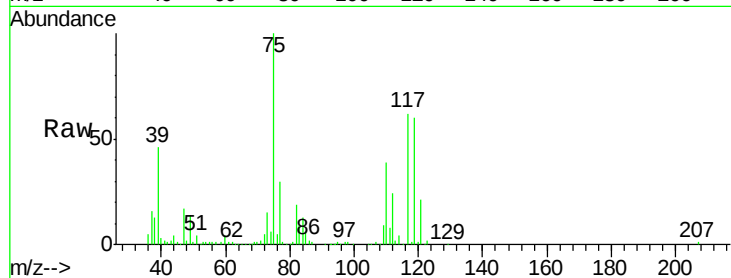
#29
 1,1-Dichloropropene
 Concen: 17.374 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	39.6	0.0	79.2
77	31.3	0.0	62.6

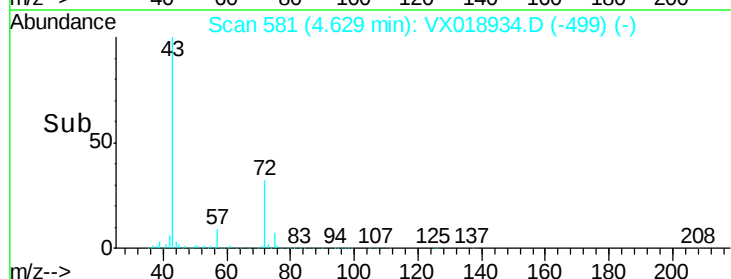
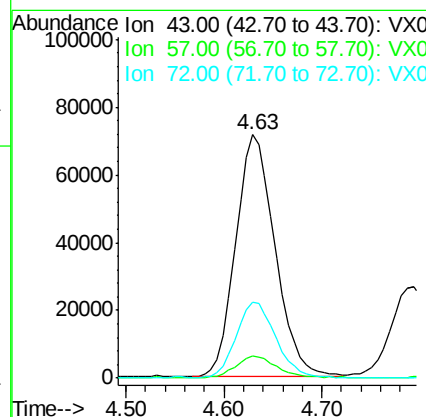
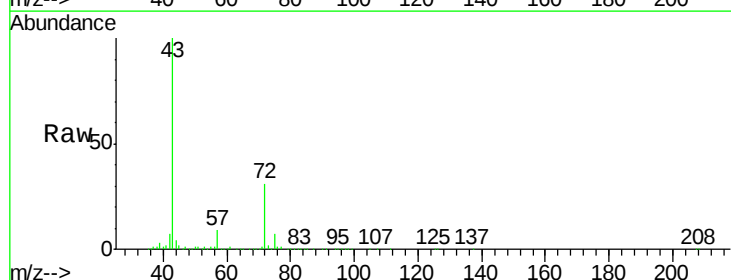
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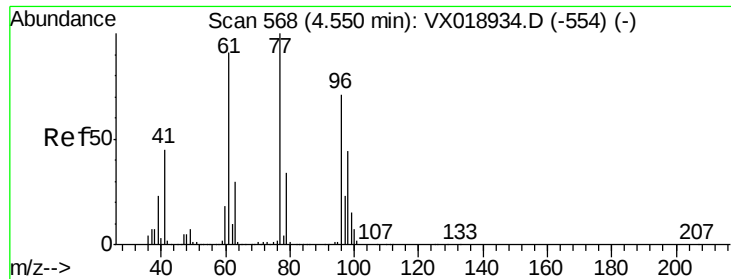
apatel
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#30
 2-Butanone
 Concen: 80.110 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.8	7.0	10.6
72	32.0	25.6	38.4





#31

2,2-Dichloropropane

Concen: 17.061 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 77 Resp: 94995

Ion Ratio Lower Upper

77 100

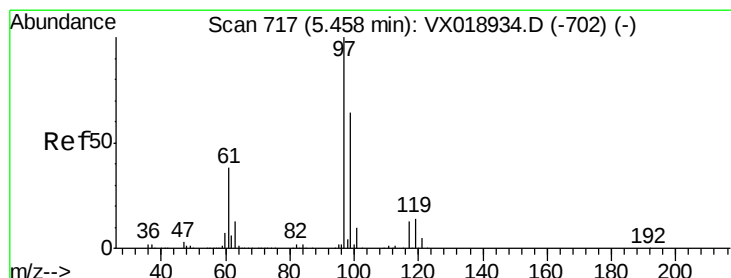
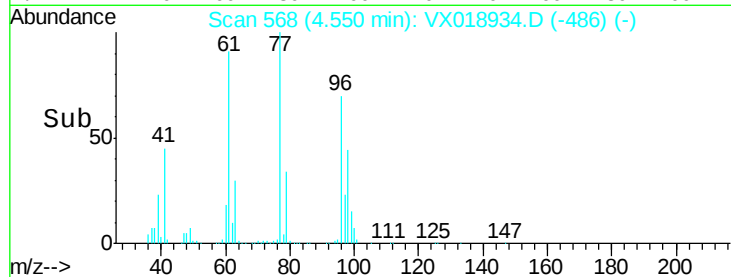
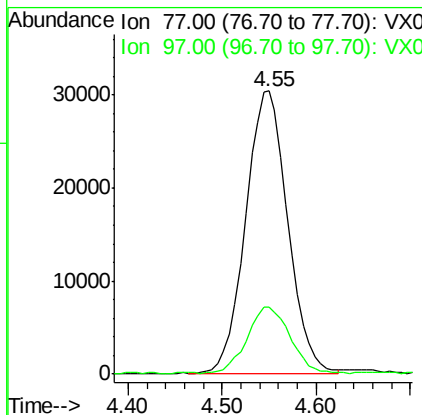
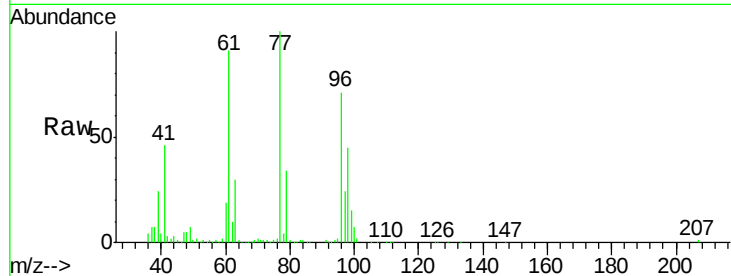
97 23.8 19.0 28.6

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 16.296 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

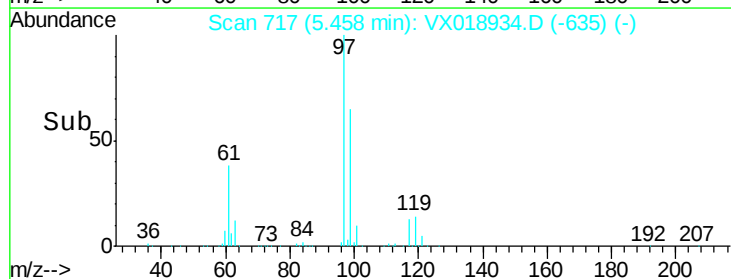
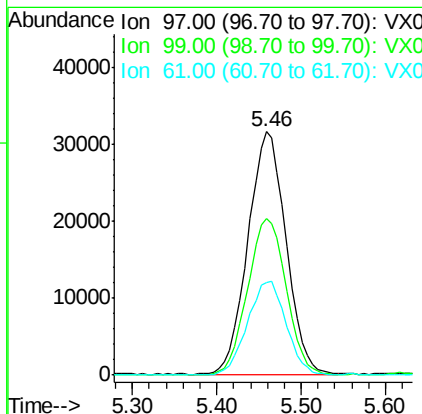
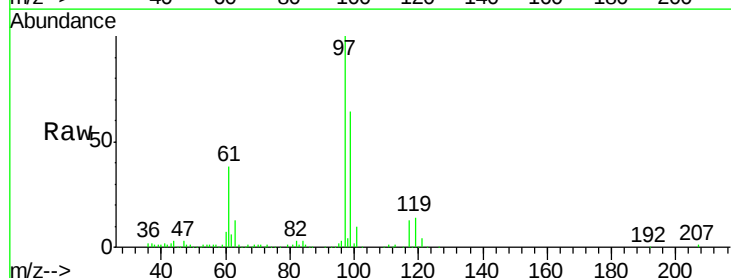
Tgt Ion: 97 Resp: 97112

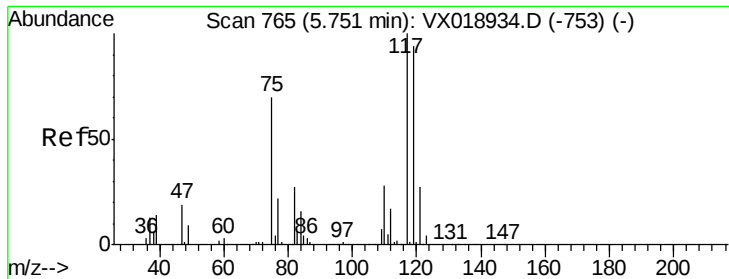
Ion Ratio Lower Upper

97 100

99 65.7 52.6 78.8

61 39.4 31.5 47.3





#33

Carbon Tetrachloride

Concen: 16.025 ug/l

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

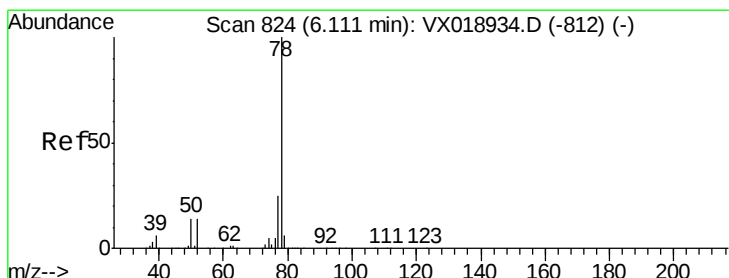
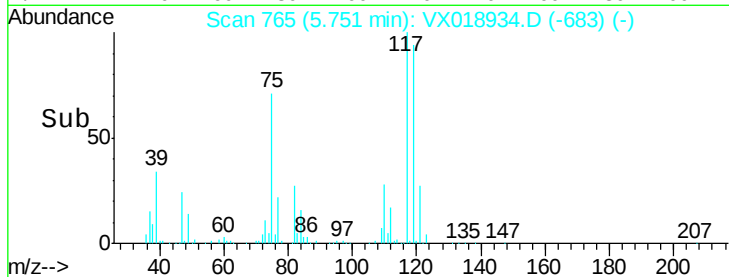
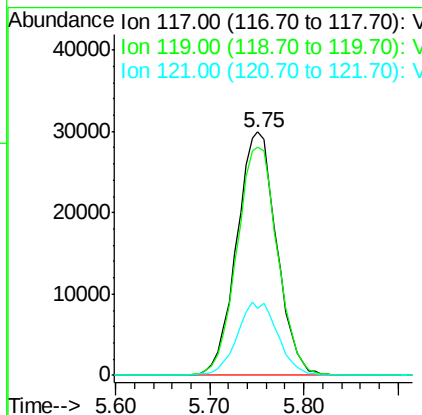
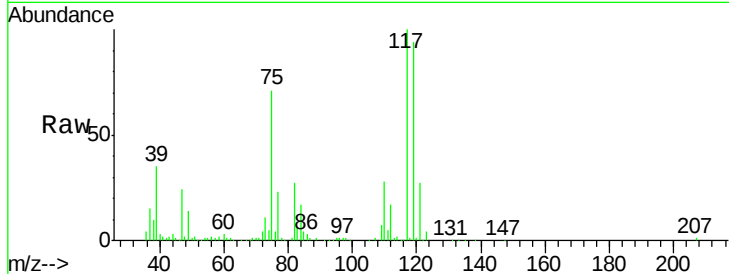
ClientSampleId :

VSTDICCC020

Tot Ion:	117	Resp:	88607
Ion Ratio	Lower	Upper	
117	100		
119	93.7	75.0	112.4
121	27.3	21.8	32.8

Manual Integrations
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#34

Benzene

Concen: 17.950 ug/l

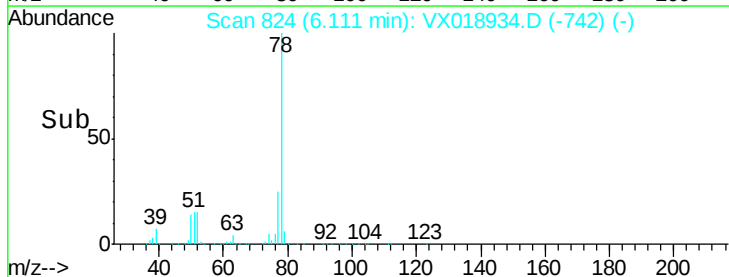
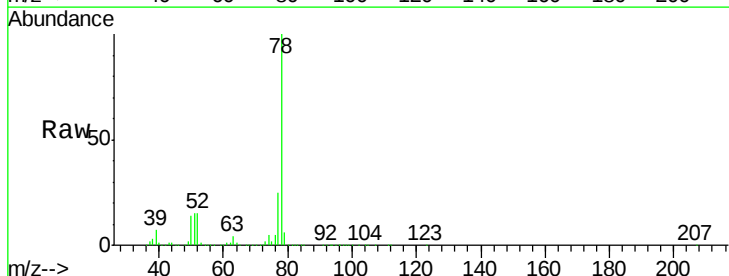
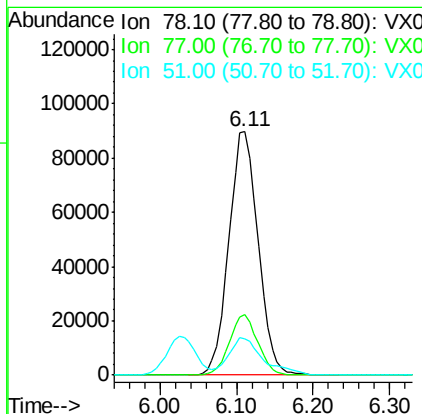
RT: 6.11 min Scan# 824

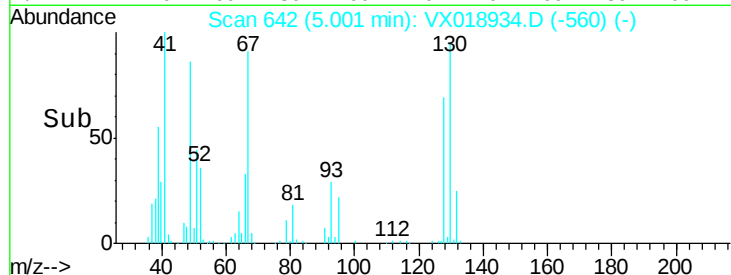
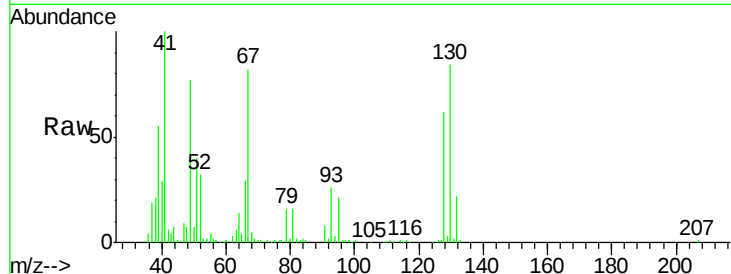
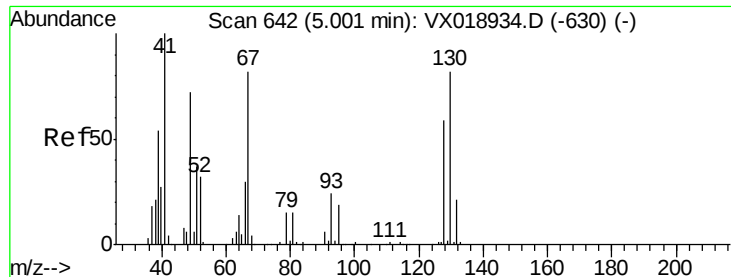
Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

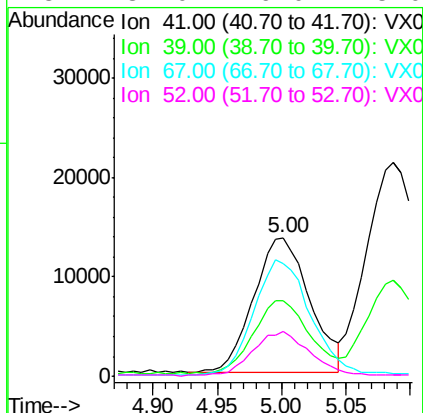
Tgt Ion:	78	Resp:	237840
Ion Ratio	Lower	Upper	
78	100		
77	24.6	19.7	29.5
51	15.0	12.0	18.0





#35
Methacrylonitrile
Concen: 15.816 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

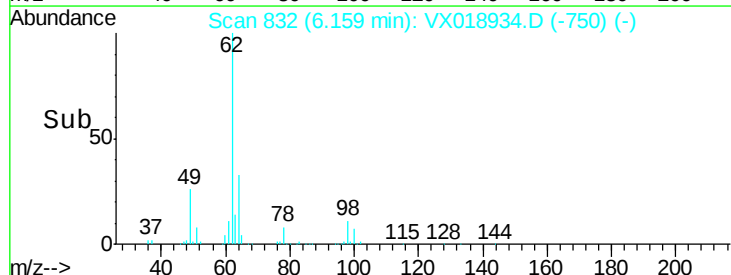
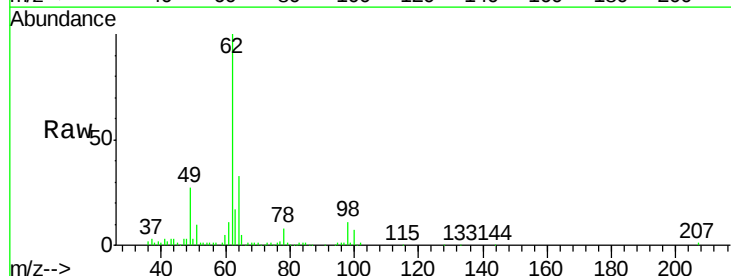
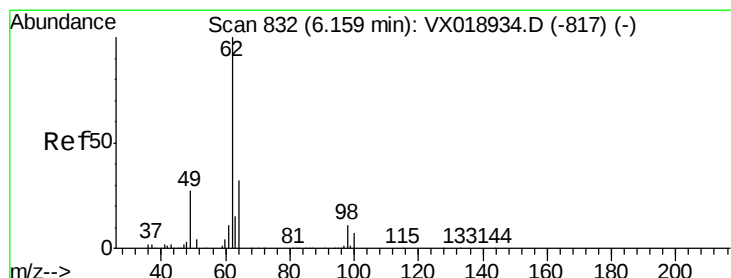
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	27.0	81.0	
67	82.2	41.1	123.3	
52	32.0	16.0	48.0	



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

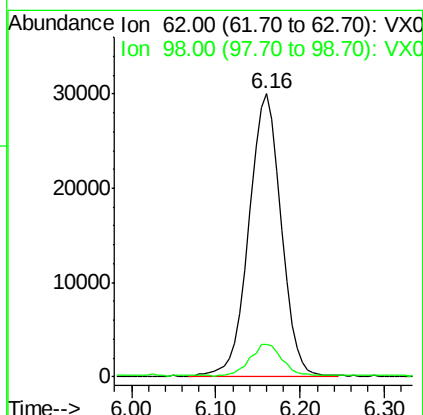
Manual Integrations
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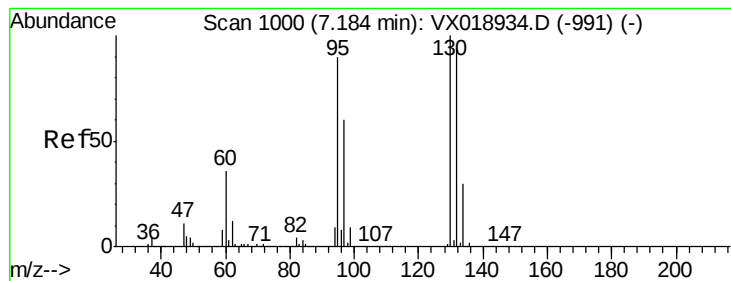
apatel
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#36
1,2-Dichloroethane
Concen: 14.858 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.1	8.9	13.3	





#37

Trichloroethene

Concen: 18.089 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:130 Resp: 69926

Ion Ratio Lower Upper

130 100

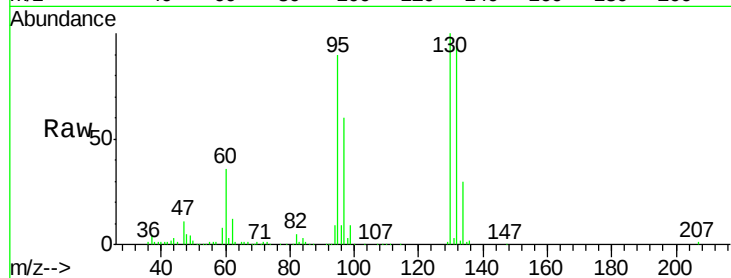
95 89.7 71.8 107.6

Manual Integrations

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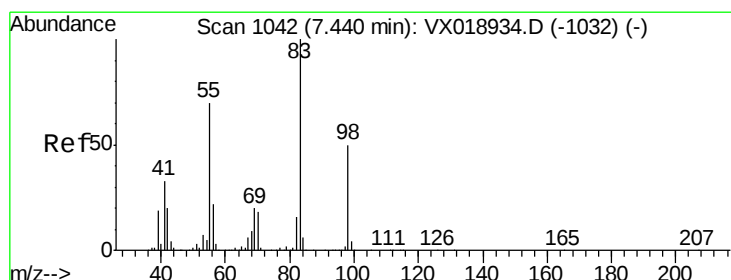
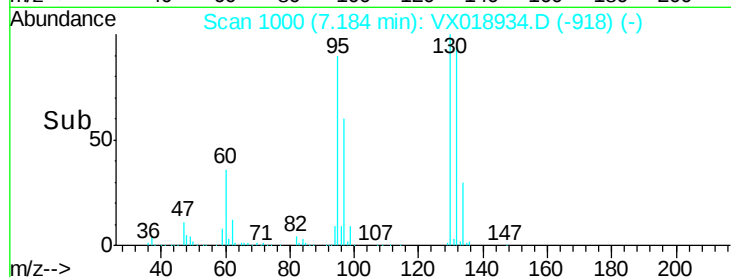
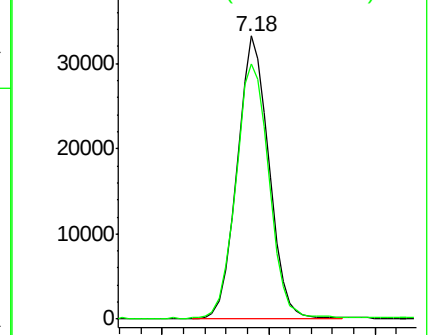
apatel

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.126 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

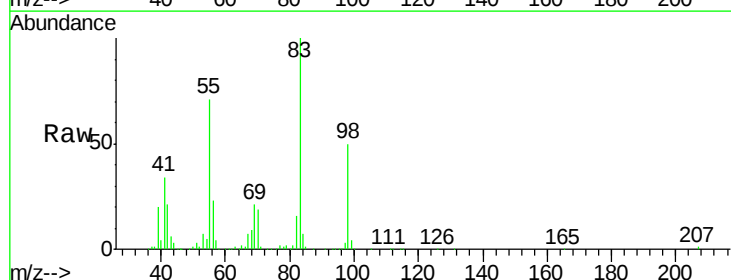
Tgt Ion: 83 Resp: 91408

Ion Ratio Lower Upper

83 100

55 69.6 34.8 104.4

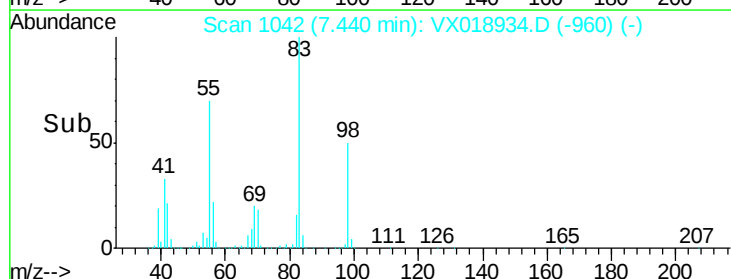
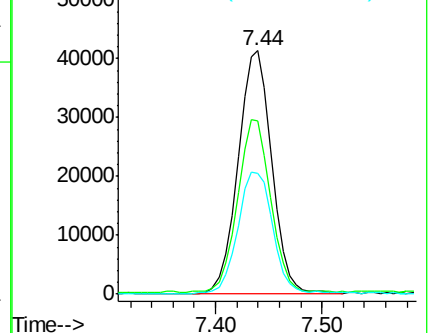
98 51.6 25.8 77.4

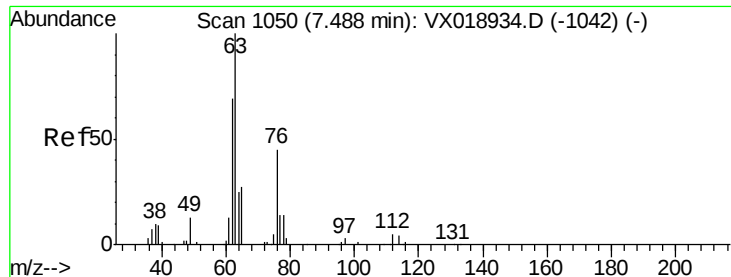


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





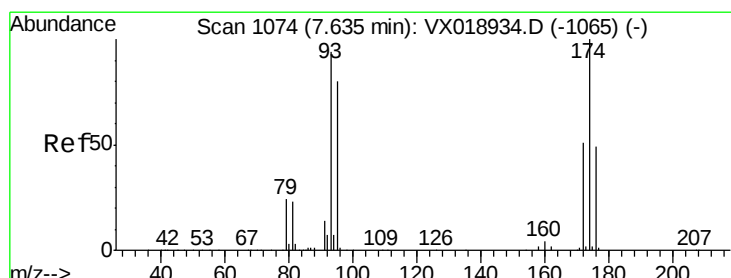
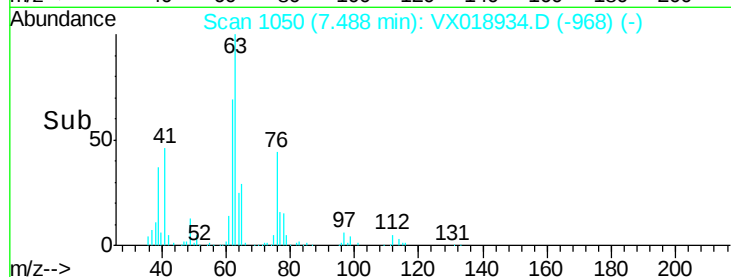
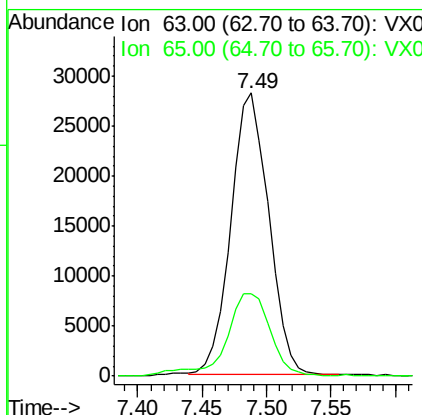
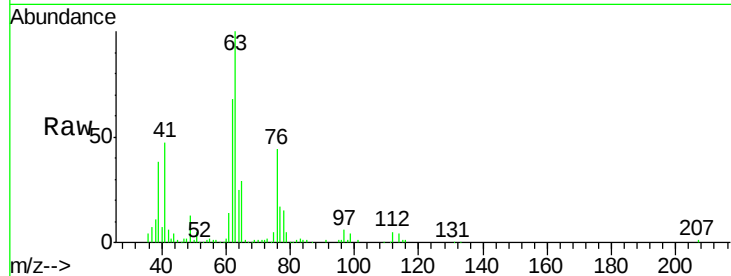
#39
 1,2-Dichloropropane
 Concen: 16.577 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion: 63 Resp: 57832
 Ion Ratio Lower Upper
 63 100
 65 28.8 23.0 34.6

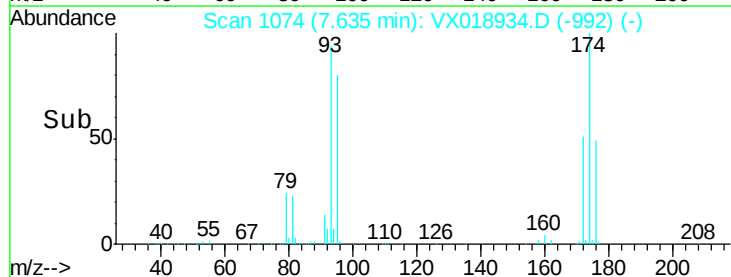
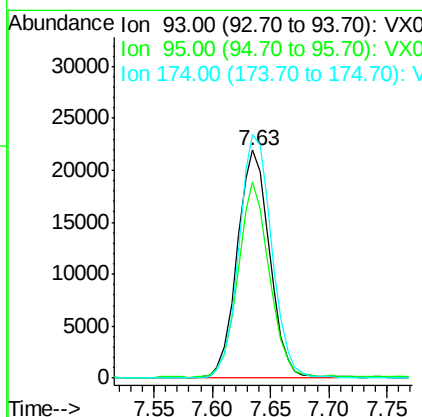
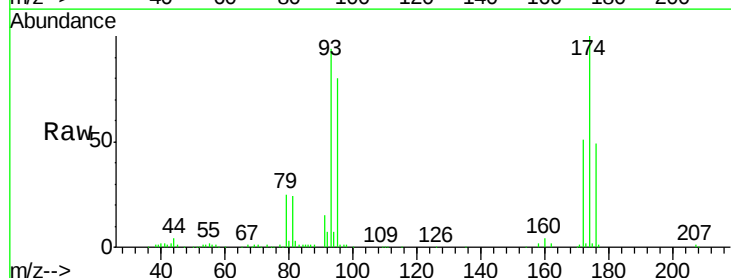
Manual Integrations
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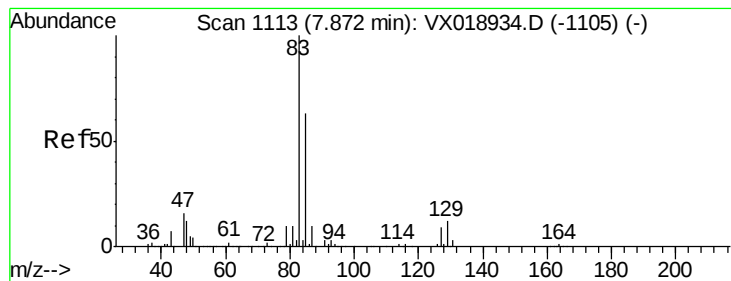
apatel
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#40
 Dibromomethane
 Concen: 16.934 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Tgt Ion: 93 Resp: 42871
 Ion Ratio Lower Upper
 93 100
 95 82.0 0.0 164.0
 174 107.3 0.0 214.6





#41

Bromodichloromethane

Concen: 16.599 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

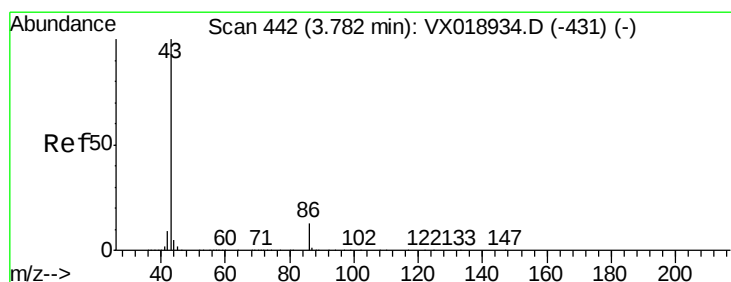
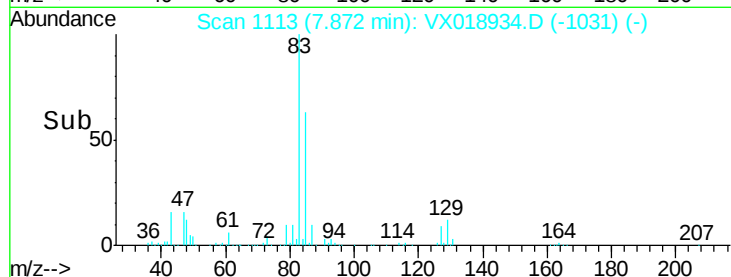
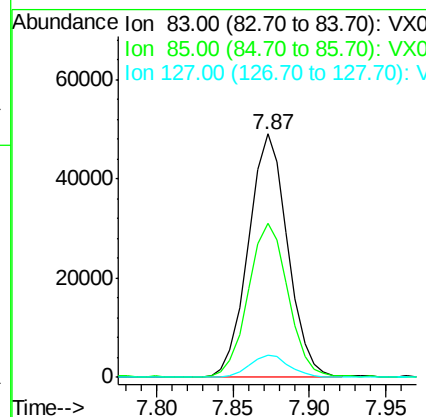
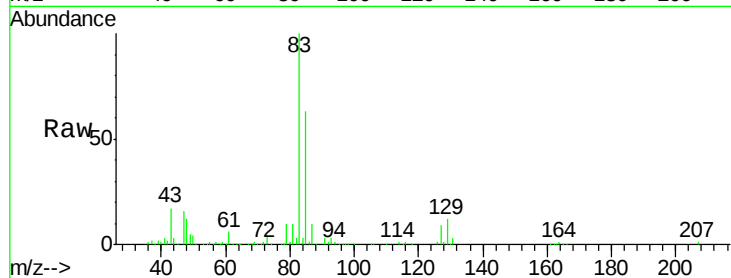
ClientSampleId :

VSTDICCC020

Tot Ion:	83	Resp:	87048
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.4	75.6
127	9.4	7.5	11.3

Manual Integrations
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#42

Vinyl Acetate

Concen: 77.180 ug/l

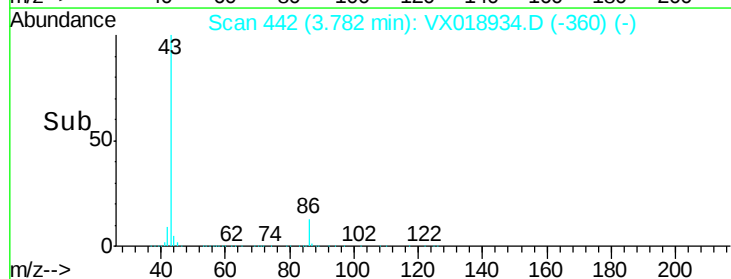
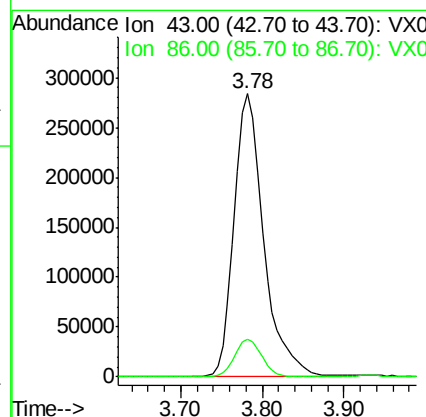
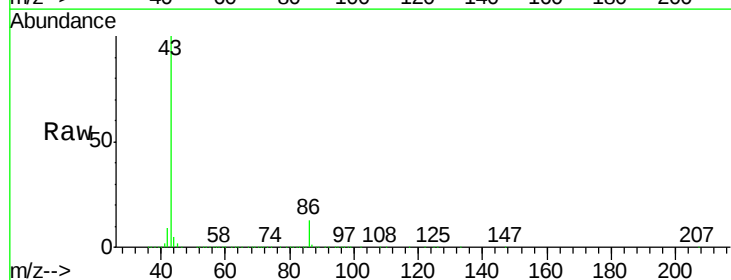
RT: 3.78 min Scan# 442

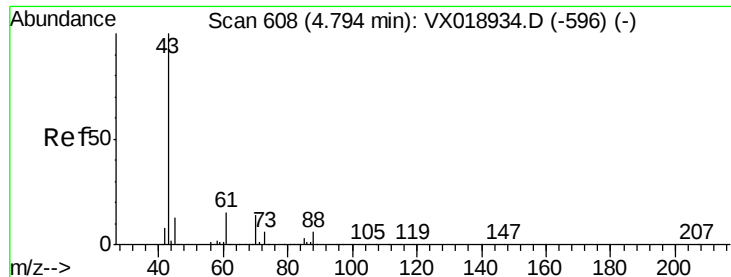
Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Tgt Ion:	43	Resp:	711369
Ion	Ratio	Lower	Upper
43	100		
86	12.3	9.8	14.8





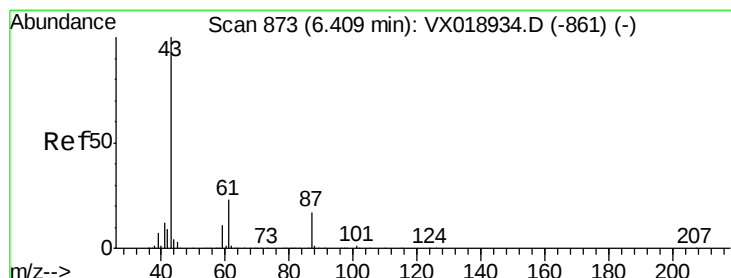
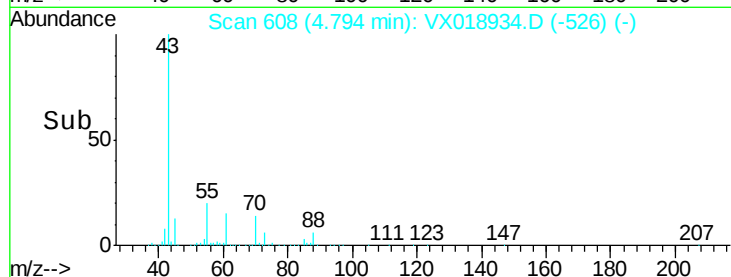
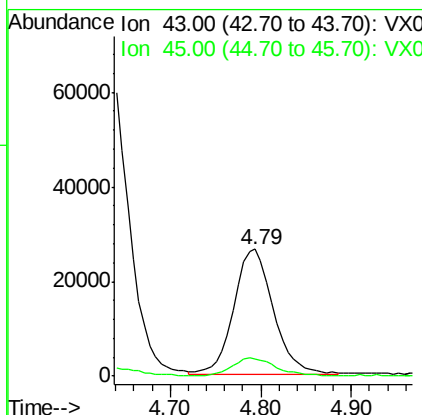
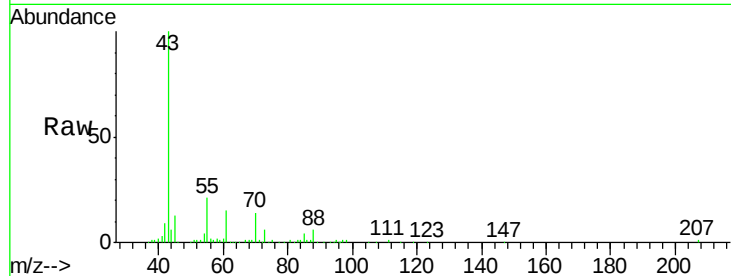
#43
Ethyl Acetate
Concen: 16.119 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	43	Resp	79818
Ion Ratio	Lower	Upper	
43	100		
45	14.4	11.5	17.3

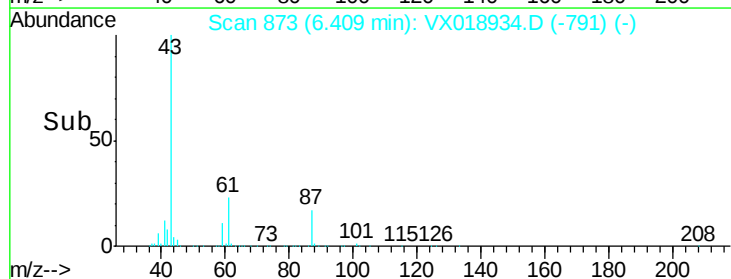
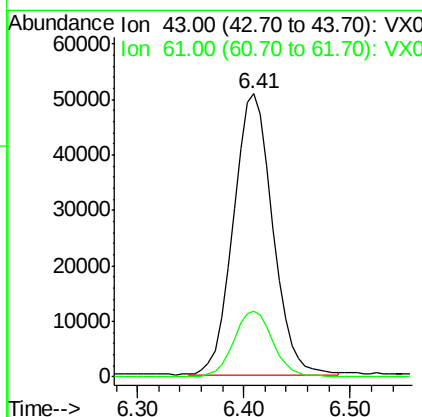
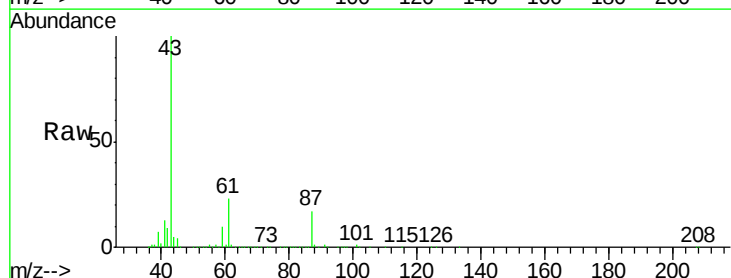
Manual Integrations
APPROVED

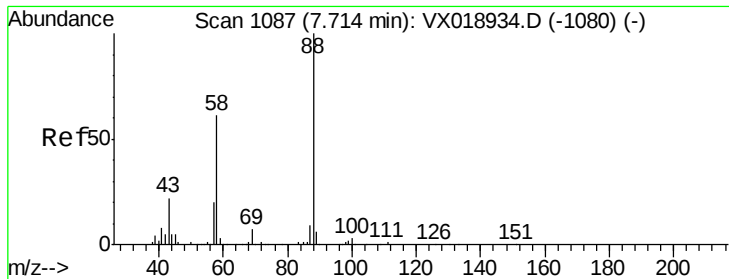
apatel
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#44
Isopropyl Acetate
Concen: 16.234 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion	43	Resp	130950
Ion Ratio	Lower	Upper	
43	100		
61	23.4	0.0	0.0#





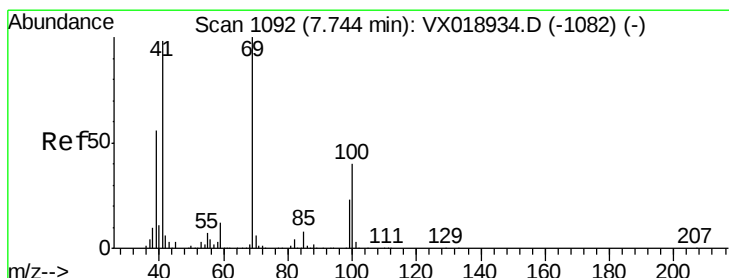
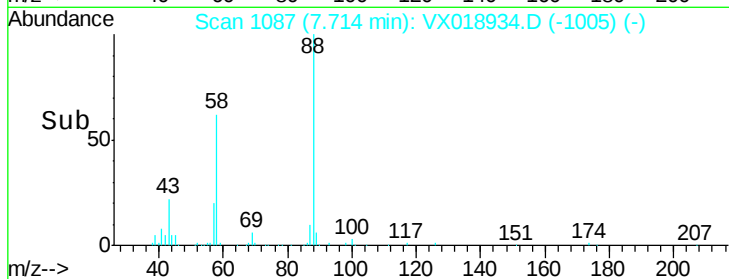
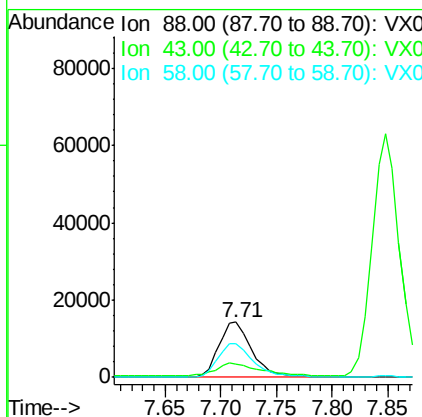
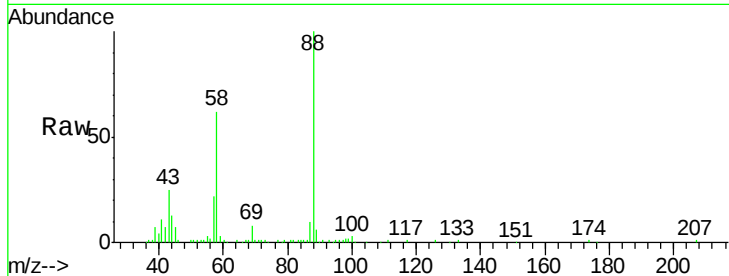
#45
 1,4-Dioxane
 Concen: 415.973 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.6	22.1	33.1
58	65.1	52.1	78.1

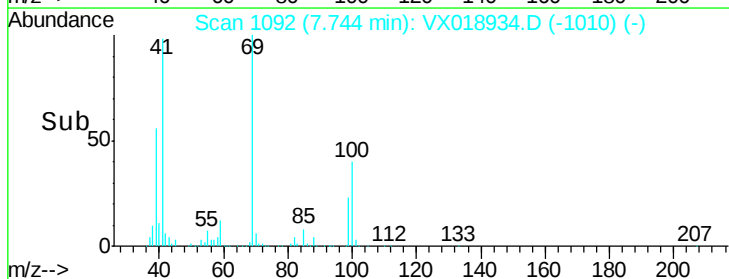
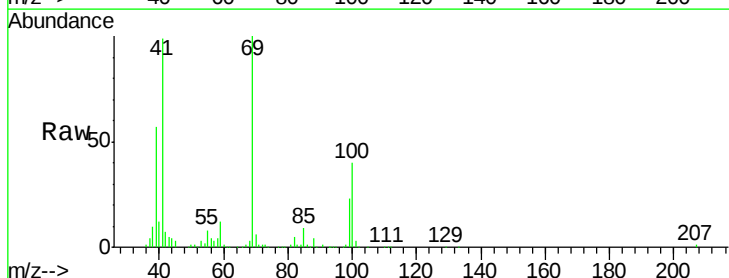
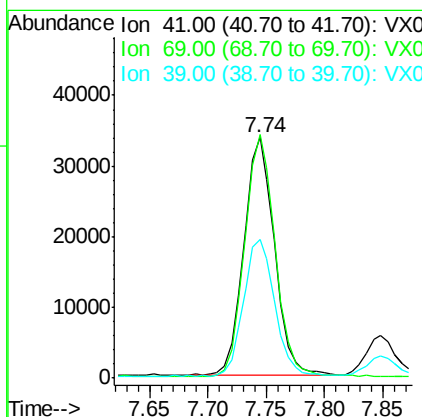
Manual Integrations
 APPROVED

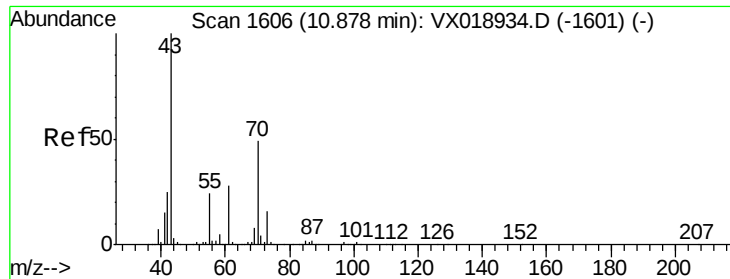
apatel
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#46
 Methyl methacrylate
 Concen: 15.670 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Lower	Upper
41	100		
69	101.7	50.8	152.5
39	57.1	28.5	85.6





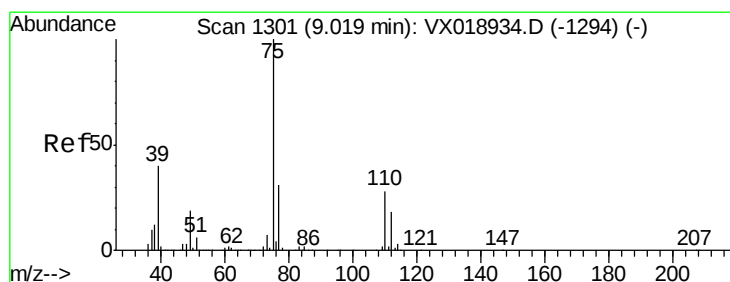
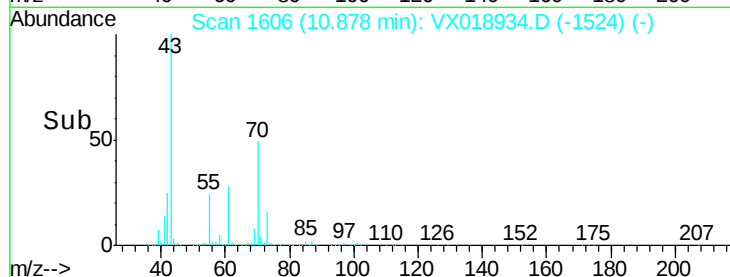
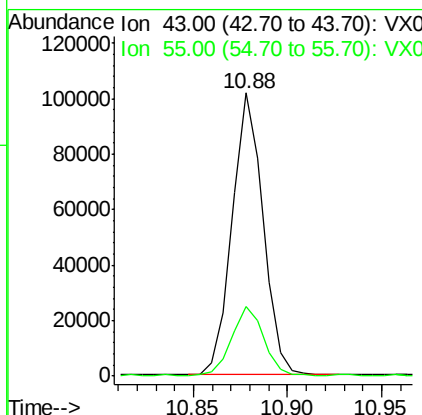
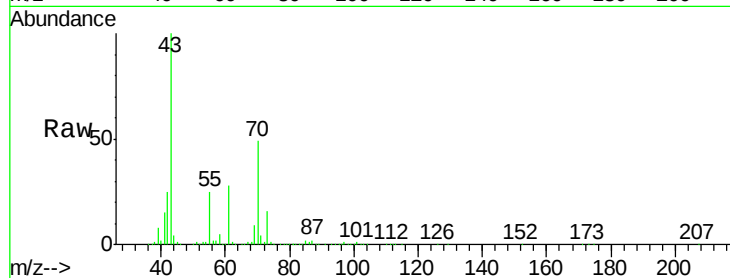
#47
n-amvl Acetate
Concen: 16.260 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion: 43 Resp: 115841
Ion Ratio Lower Upper
43 100
55 24.9 19.9 29.9

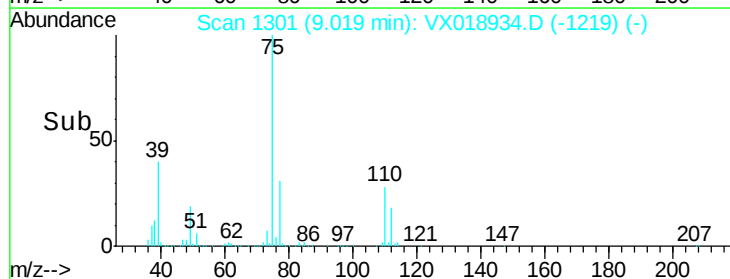
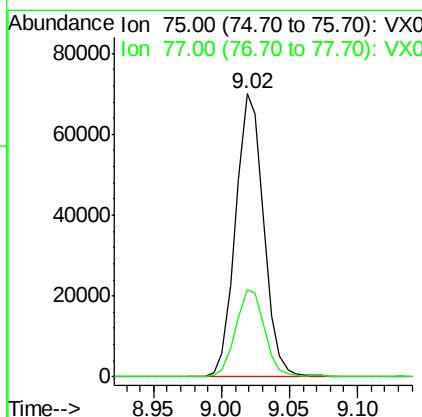
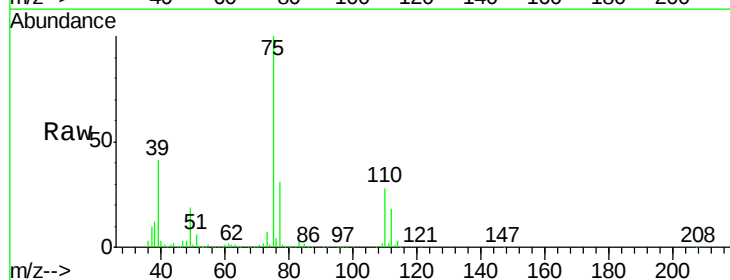
Manual Integrations
APPROVED

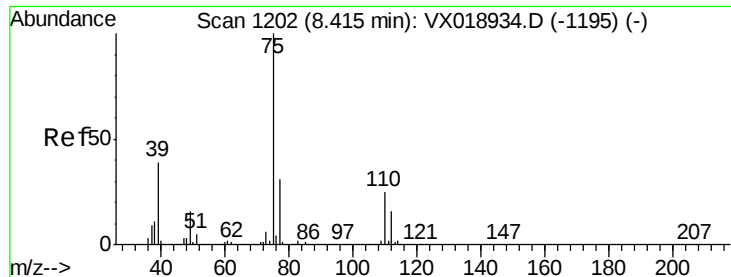
apatel
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#48
t-1,3-Dichloropropene
Concen: 17.570 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion: 75 Resp: 100531
Ion Ratio Lower Upper
75 100
77 30.7 24.6 36.8





#49

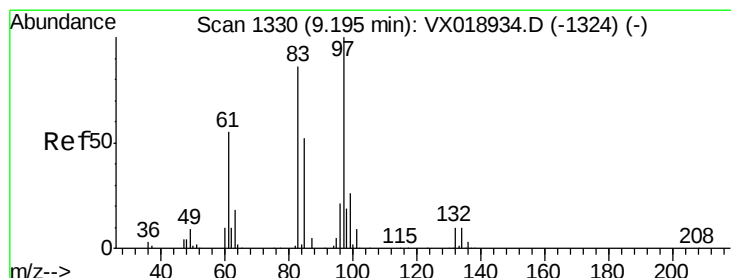
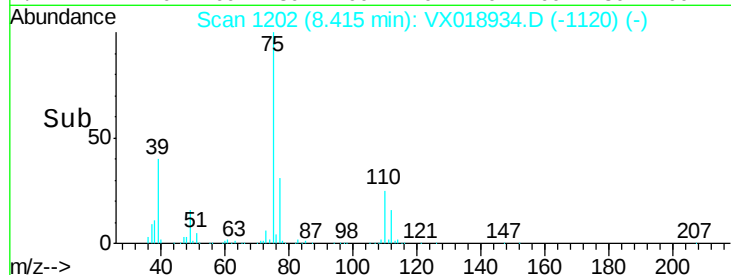
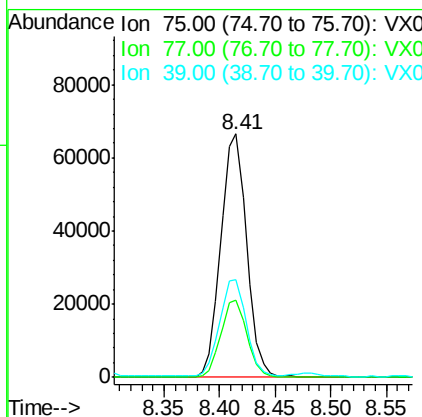
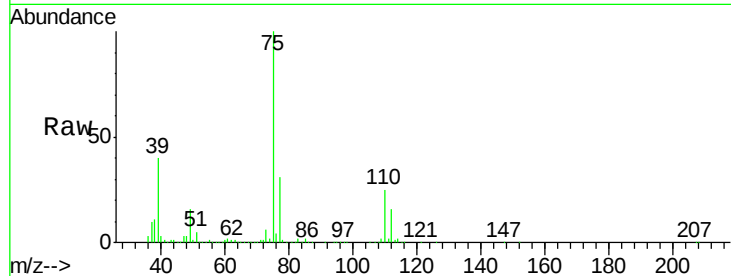
cis-1,3-Dichloropropene
 Concen: 17.898 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7
39	39.4	31.5	47.3

Manual Integrations
 APPROVED

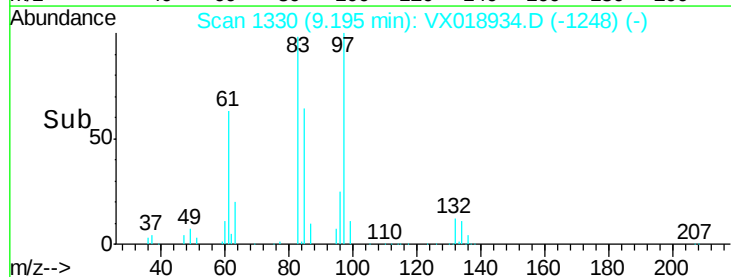
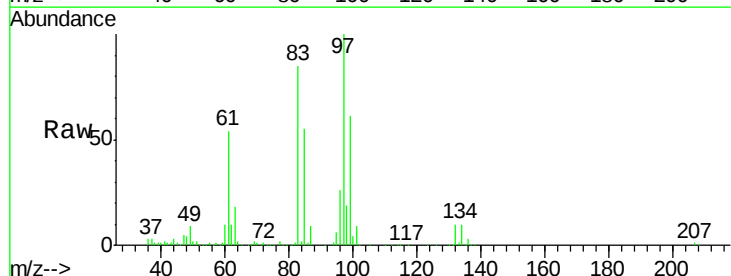
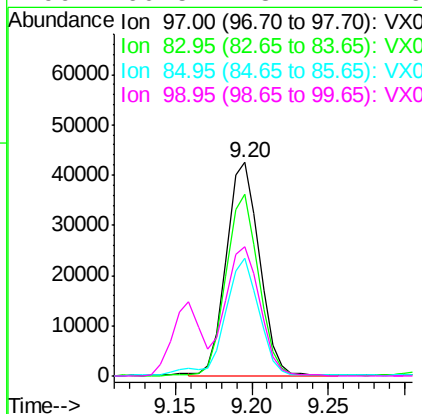
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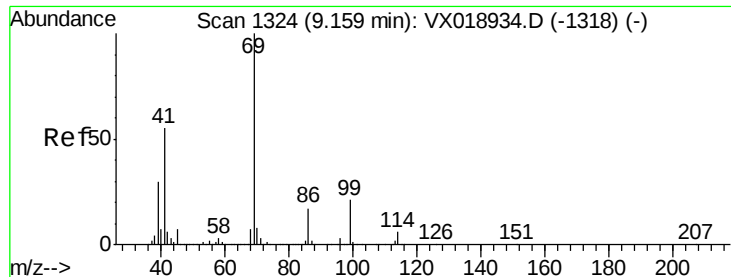


#50

1,1,2-Trichloroethane
 Concen: 17.829 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.0	68.0	102.0
85	54.8	43.8	65.8
99	60.5	48.4	72.6





#51

Ethyl methacrylate

Concen: 18.543 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

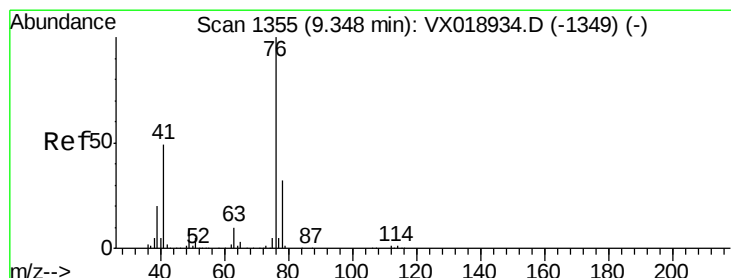
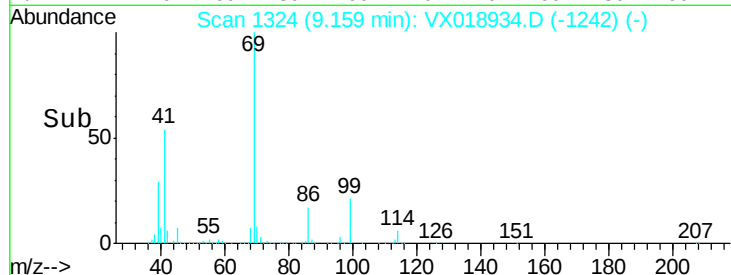
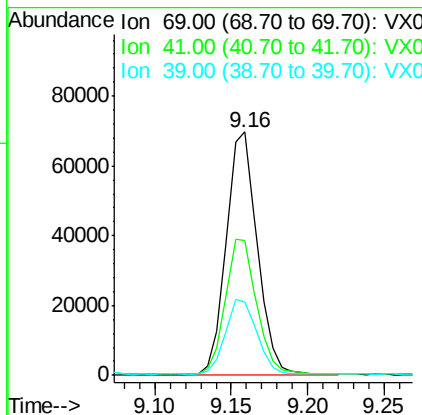
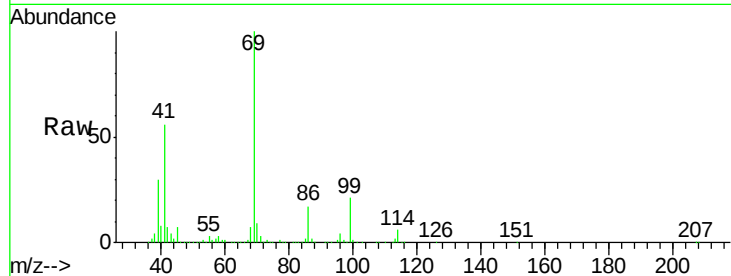
ClientSampleId :

VSTDICCC020

Tot Ion:	69	Resp:	97897
Ion	Ratio	Lower	Upper
69	100		
41	55.2	27.6	82.8
39	30.0	15.0	45.0

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 17.562 ug/l

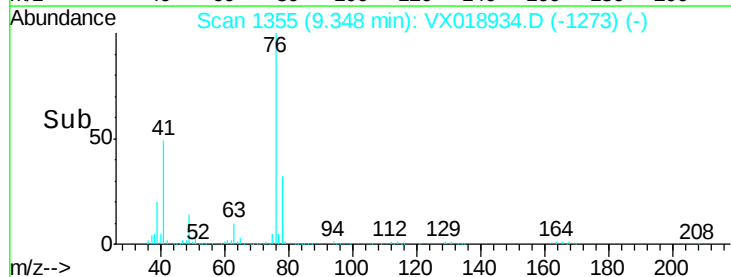
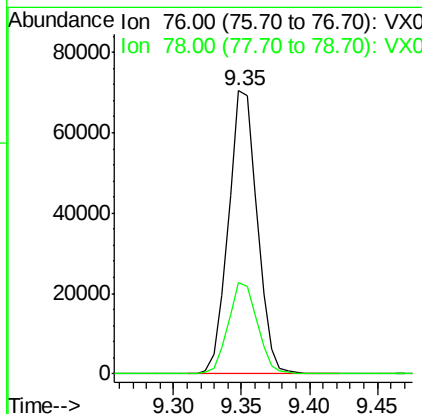
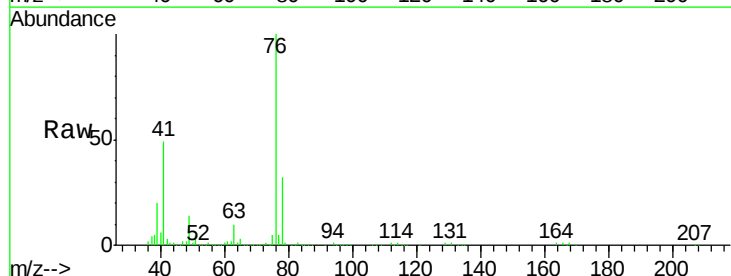
RT: 9.35 min Scan# 1355

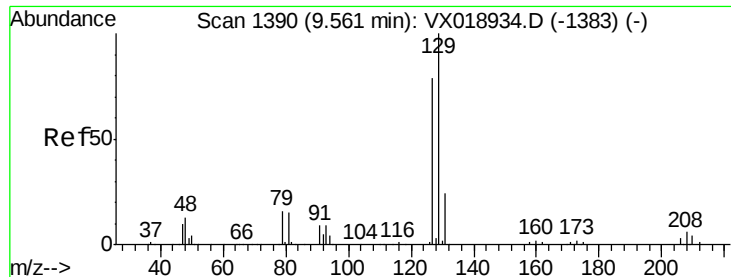
Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Tgt Ion:	76	Resp:	103891
Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	65.2





#53

Dibromochloromethane

Concen: 17.127 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:129 Resp: 76024

Ion Ratio Lower Upper

129 100

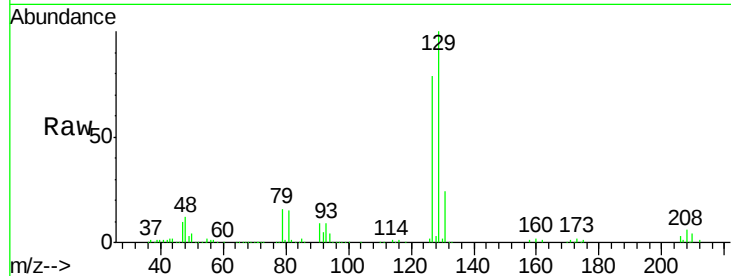
127 77.4 38.7 116.1

Manual Integrations

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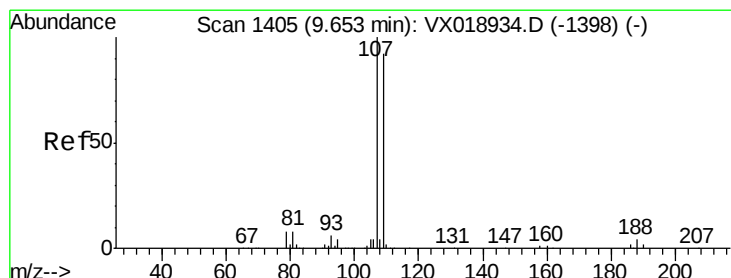
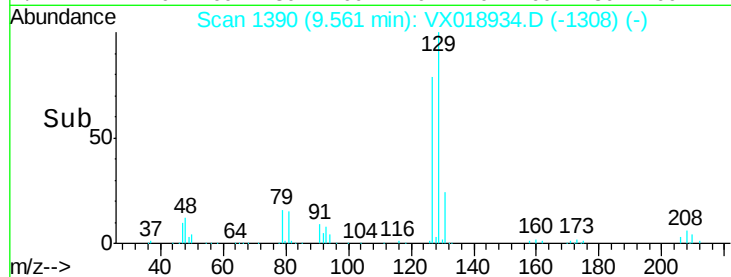
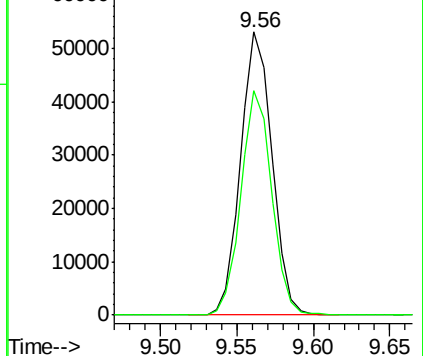
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 17.684 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018934.D

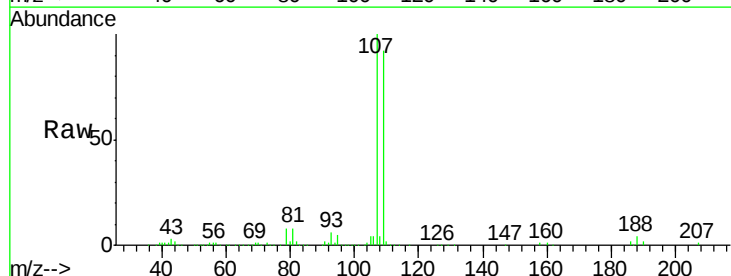
Acq: 15 Oct 2020 14:02

Tgt Ion:107 Resp: 69501

Ion Ratio Lower Upper

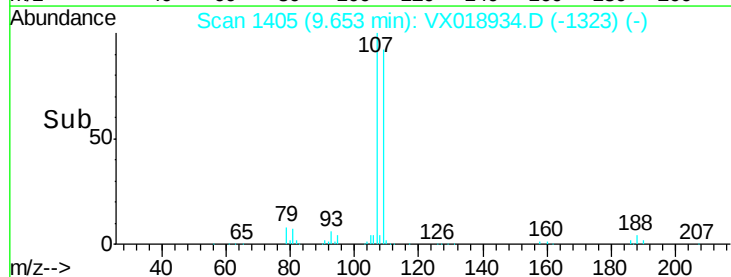
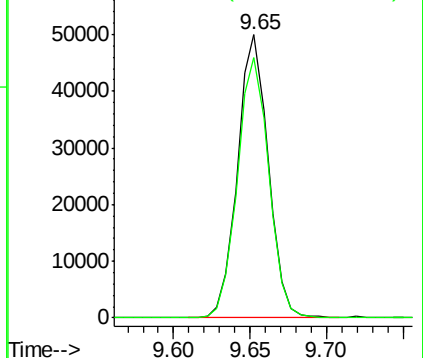
107 100

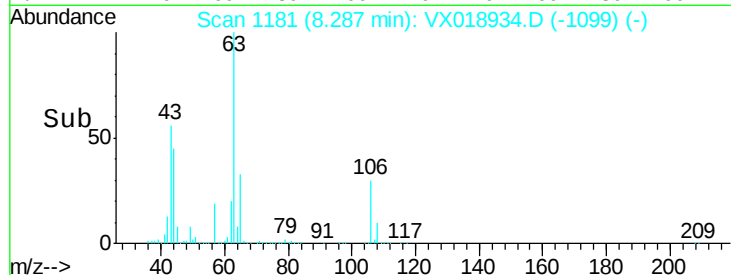
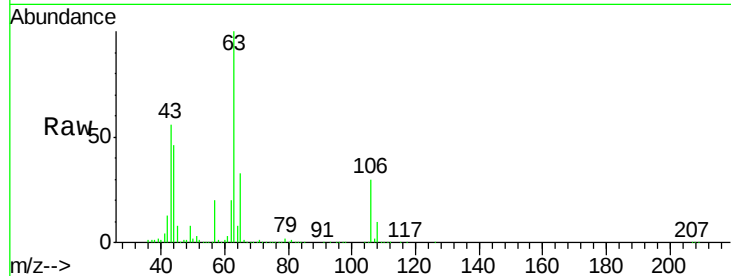
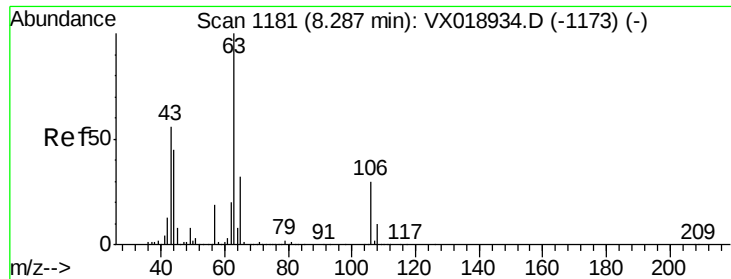
109 93.9 75.1 112.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





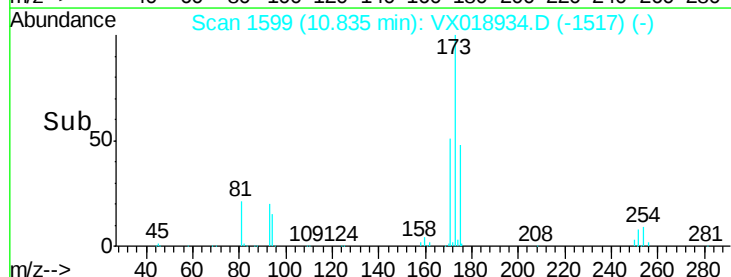
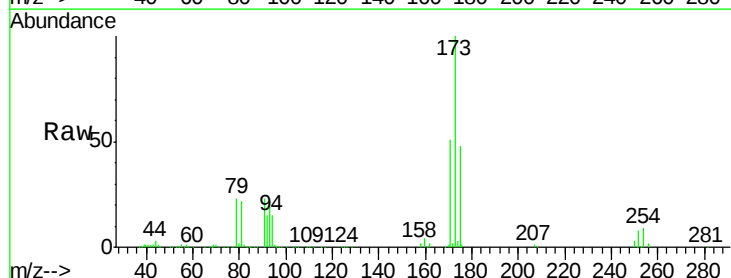
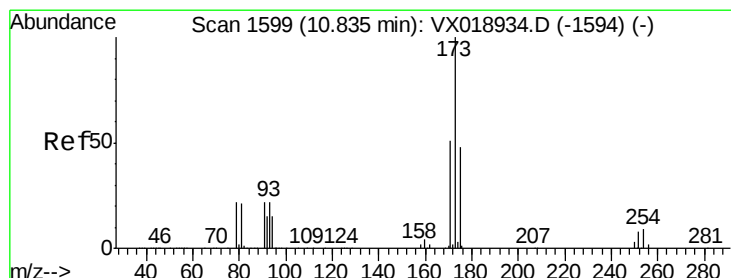
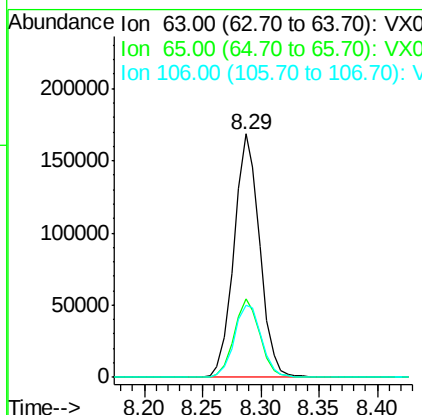
#55
2-Chloroethyl vinyl ether
Concen: 94.517 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tot Ion	Ratio	Resp	Lower	Upper
63	100	259676		
65	32.2		25.8	38.6
106	31.5		25.3	37.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

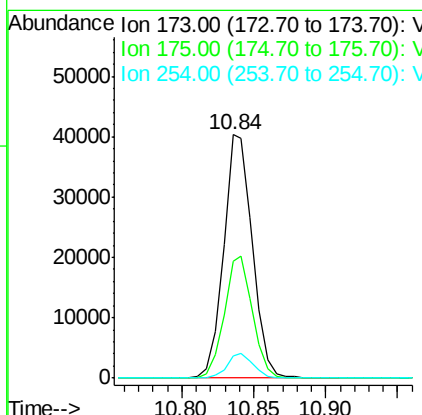
Manual Integrations
APPROVED

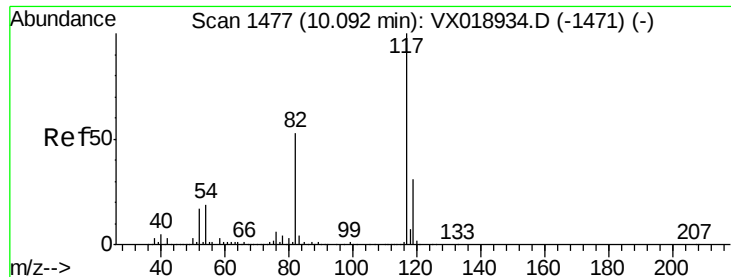
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#56
Bromoform
Concen: 16.683 ug/l
RT: 10.84 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	56379		
175	49.0		39.2	58.8
254	9.4		7.5	11.3





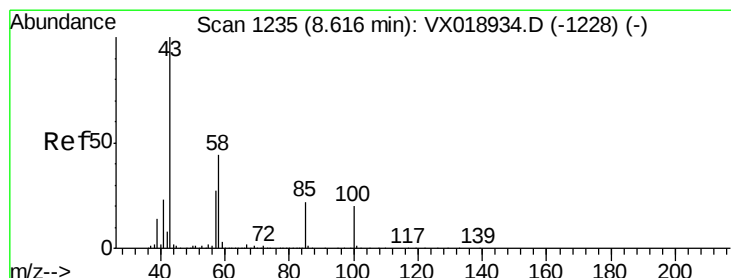
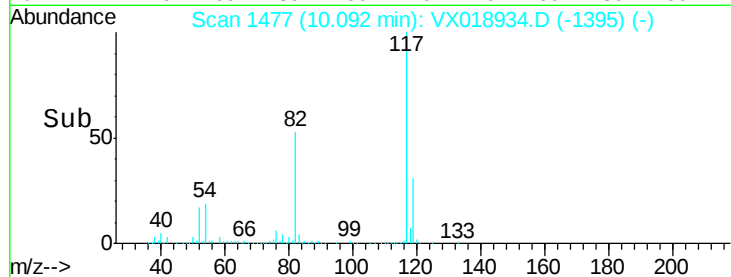
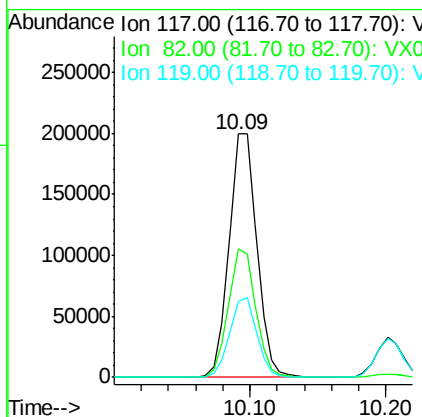
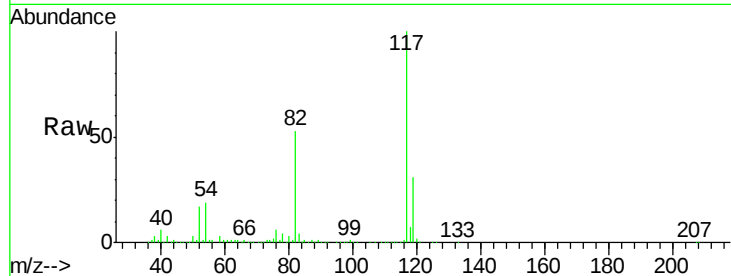
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.6	62.4
119	32.1	25.7	38.5

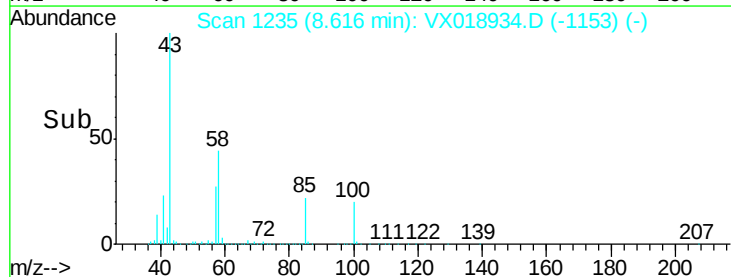
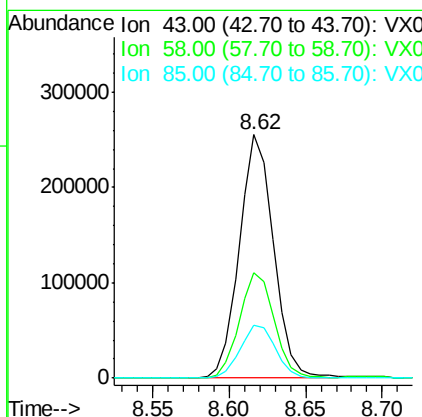
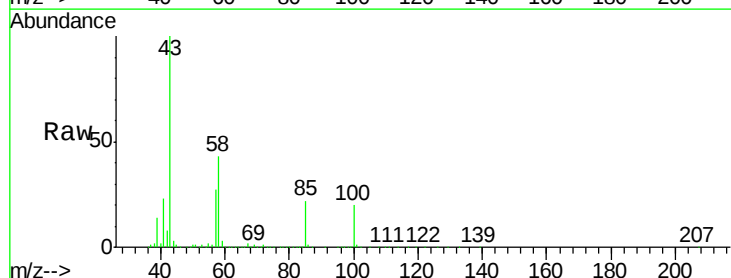
Manual Integrations
APPROVED

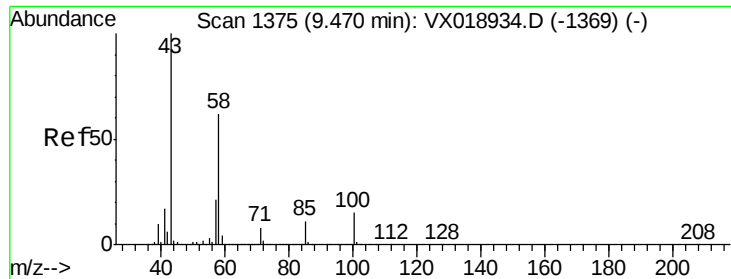
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#58
4-Methyl-2-Pentanone
Concen: 82.810 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	44.3	35.4	53.2
85	22.5	18.0	27.0





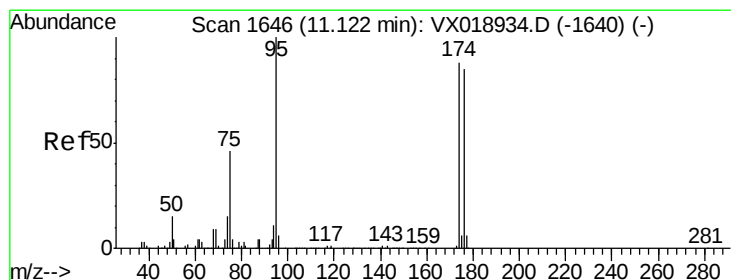
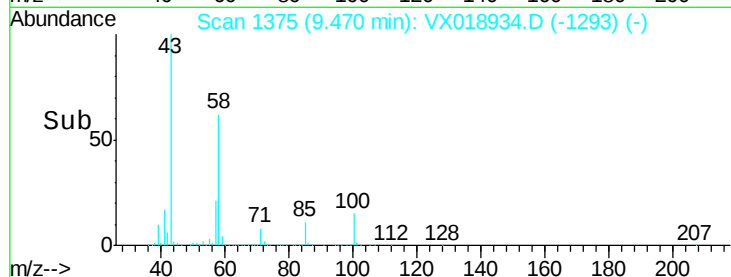
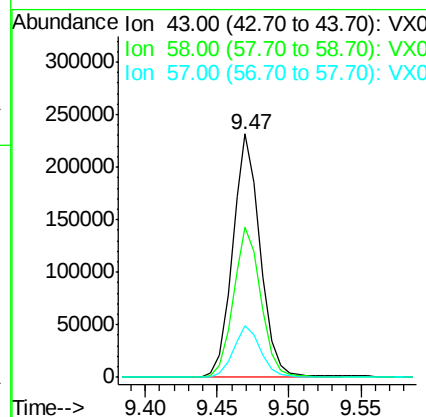
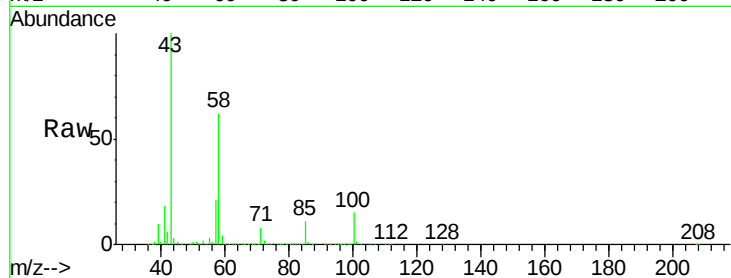
#59
2-Hexanone
Concen: 84.659 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	62.1	49.7	74.5
57	21.1	16.9	25.3

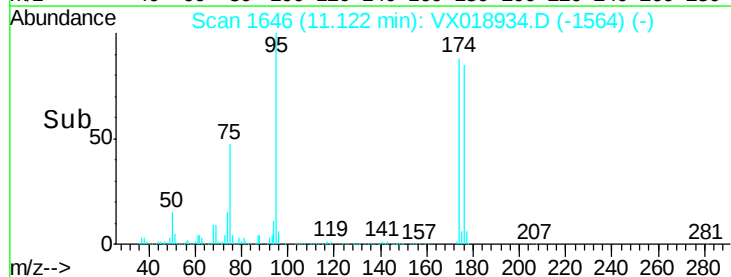
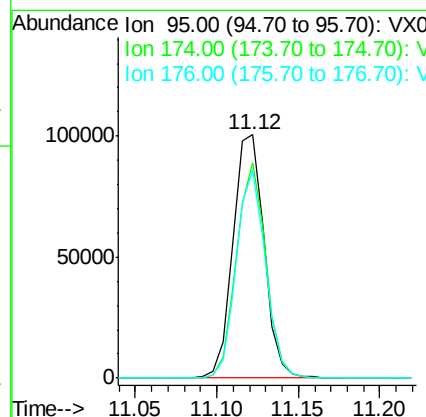
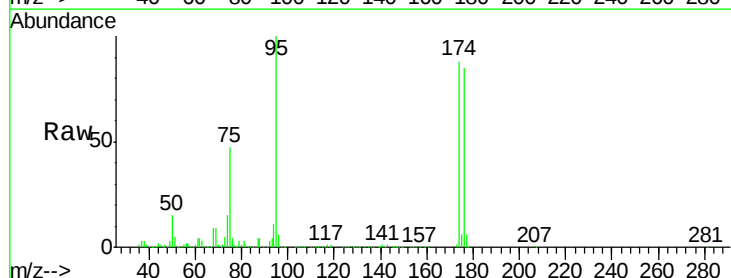
Manual Integrations
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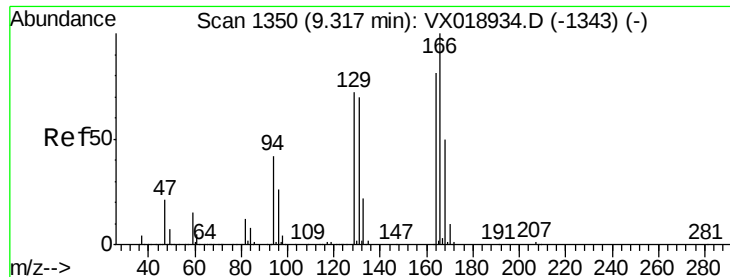
apatel
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#60
4-Bromofluorobenzene
Concen: 27.511 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.7	67.0	100.4
176	80.6	64.5	96.7





#61

Tetrachloroethene

Concen: 17.702 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:164 Resp: 61977

Ion Ratio Lower Upper

164 100

166 124.2 99.4 149.0

129 89.7 71.8 107.6

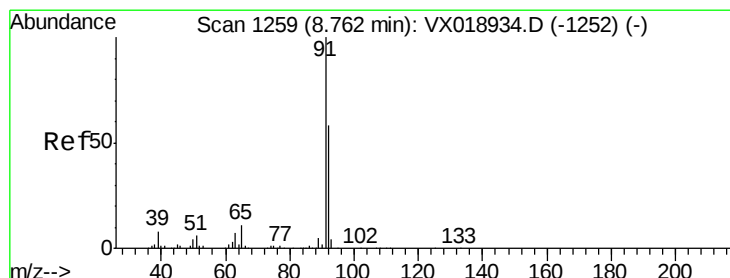
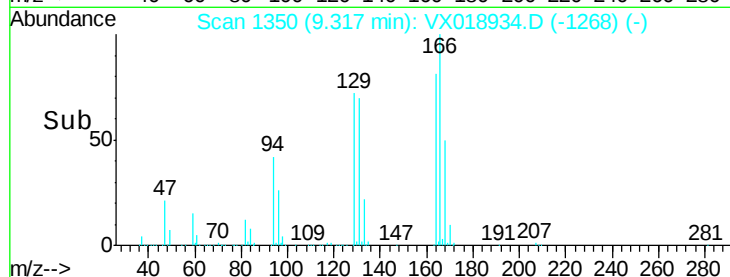
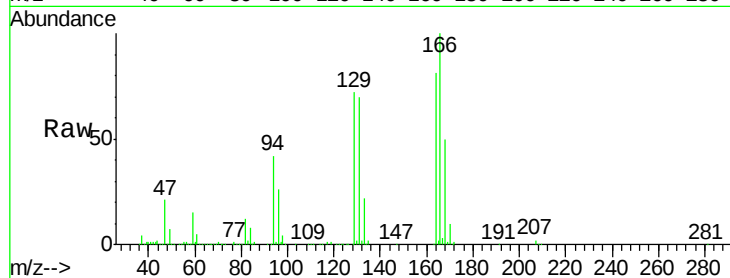
131 87.2 69.8 104.6

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#62

Toluene

Concen: 18.742 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018934.D

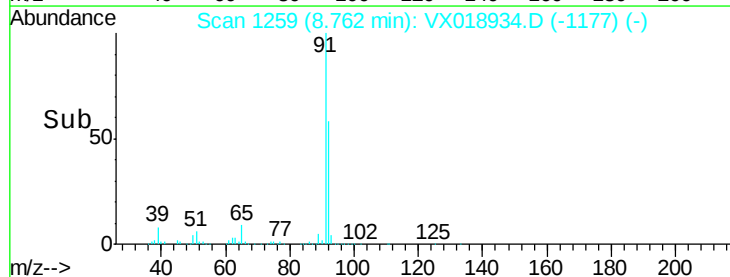
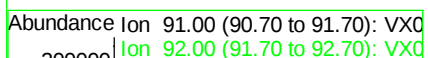
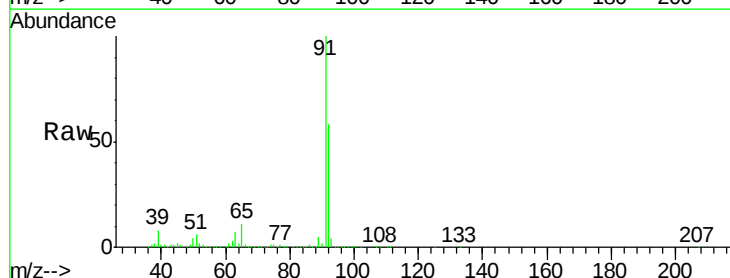
Acq: 15 Oct 2020 14:02

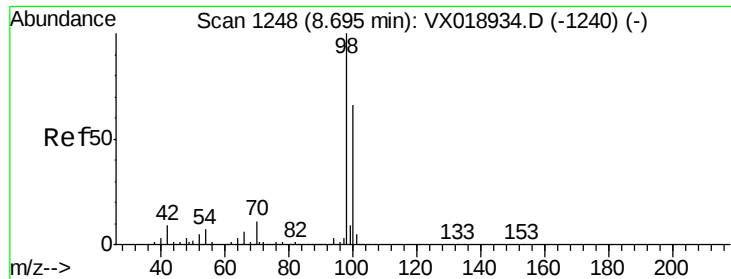
Tgt Ion: 91 Resp: 268969

Ion Ratio Lower Upper

91 100

92 58.9 47.1 70.7





#63

Toluene-d8

Concen: 29.149 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 98 Resp: 361185

Ion Ratio Lower Upper

98 100

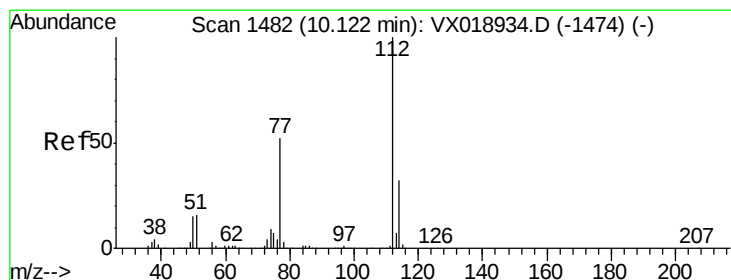
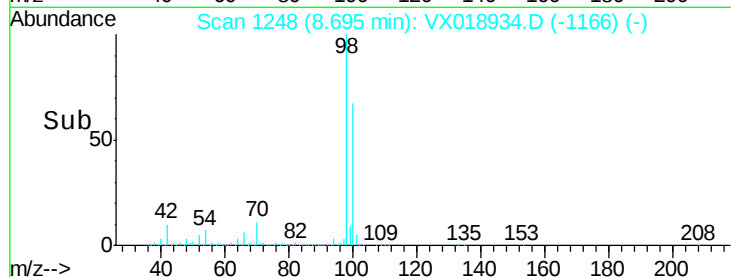
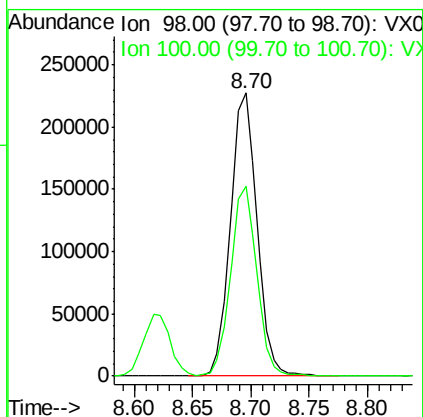
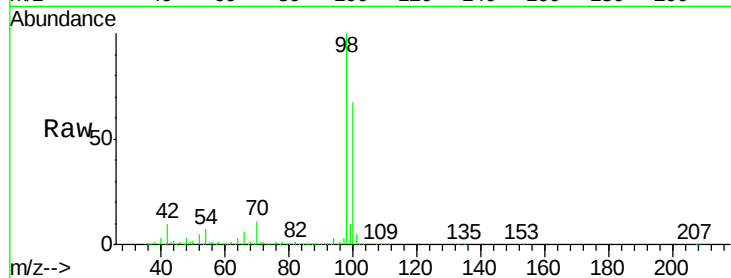
100 66.5 53.2 79.8

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#64

Chlorobenzene

Concen: 19.029 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018934.D

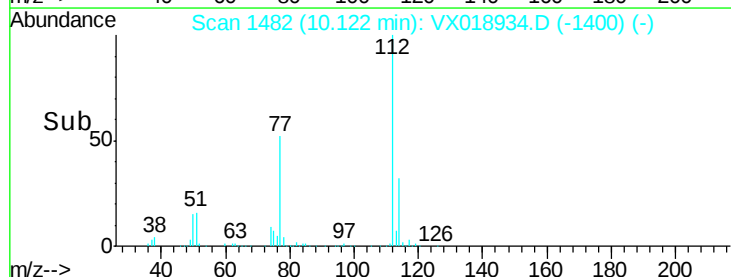
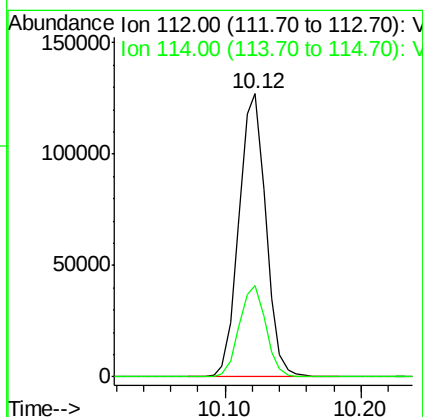
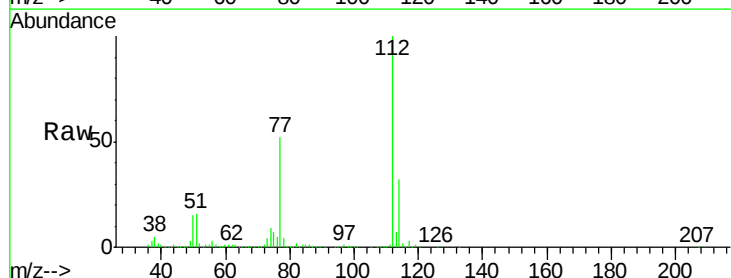
Acq: 15 Oct 2020 14:02

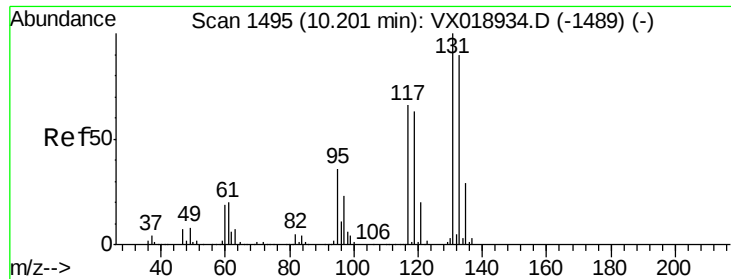
Tgt Ion: 112 Resp: 175821

Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5





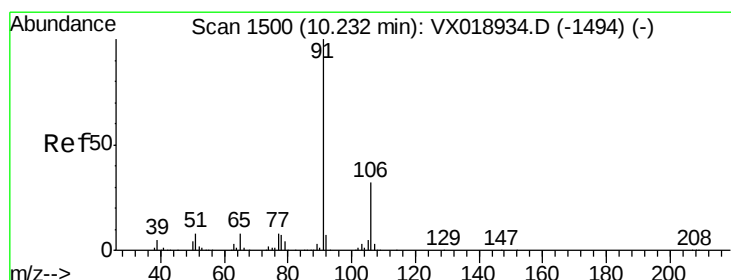
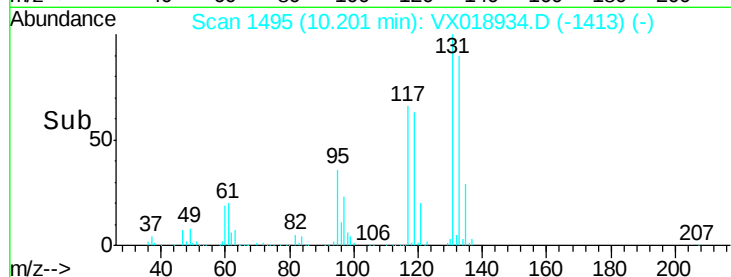
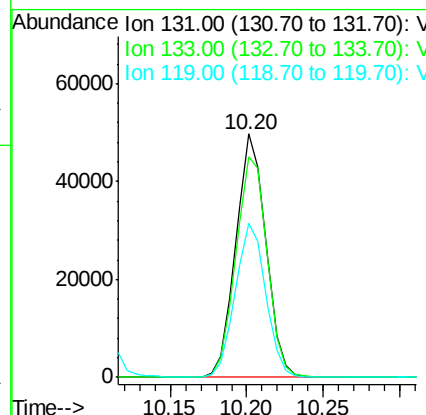
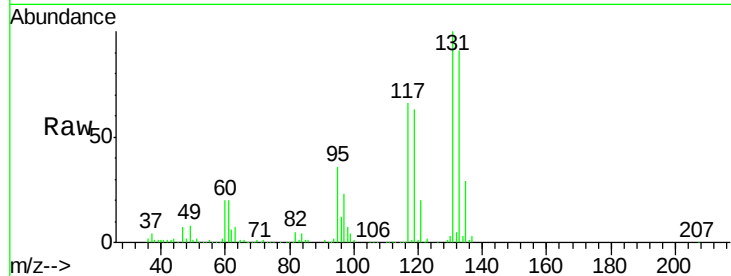
#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.157 ug/l
 RT: 10.20 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.4	0.0	188.8
119	63.6	0.0	127.2

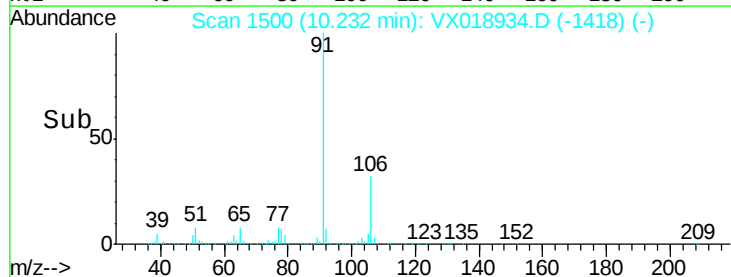
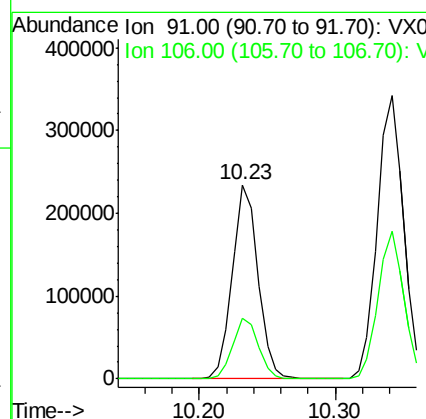
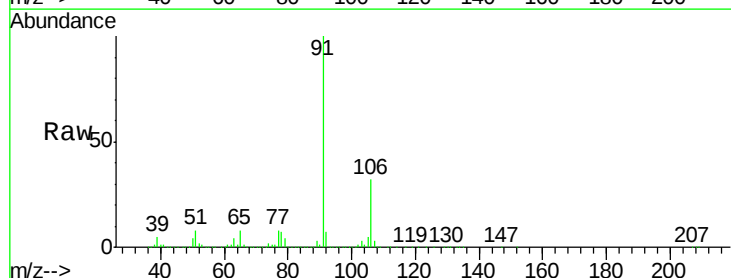
Manual Integrations
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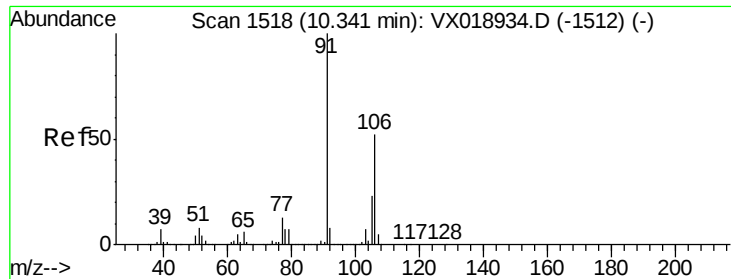
apatel
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#66
 Ethyl Benzene
 Concen: 19.183 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.3	37.9





#67

m/p-Xvlenes

Concen: 38.819 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:106 Resp: 237743

Ion Ratio Lower Upper

106 100

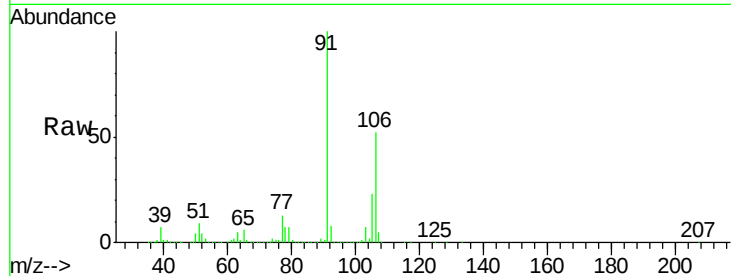
91 194.6 155.7 233.5

Manual Integrations

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

200000

100000

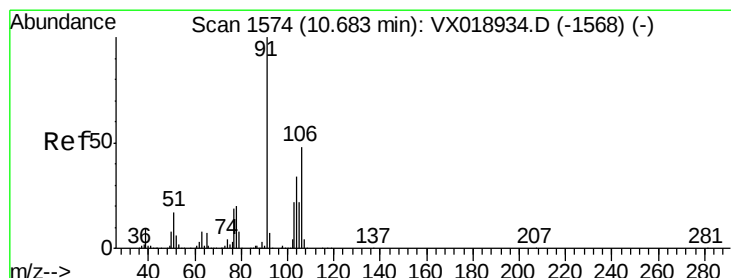
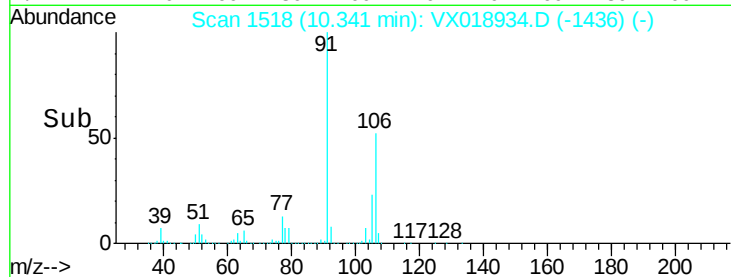
0

10.34

10.30

10.40

Time-->



#68

o-Xylene

Concen: 19.357 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018934.D

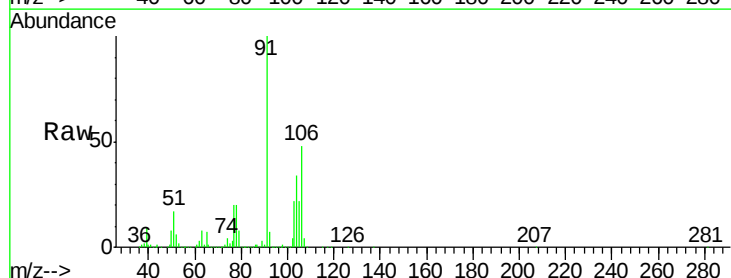
Acq: 15 Oct 2020 14:02

Tgt Ion:106 Resp: 112738

Ion Ratio Lower Upper

106 100

91 206.6 103.3 309.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

100000

50000

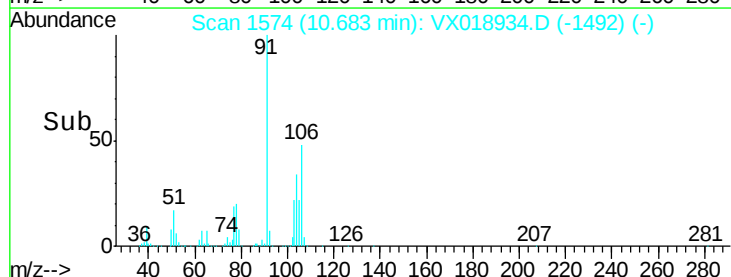
0

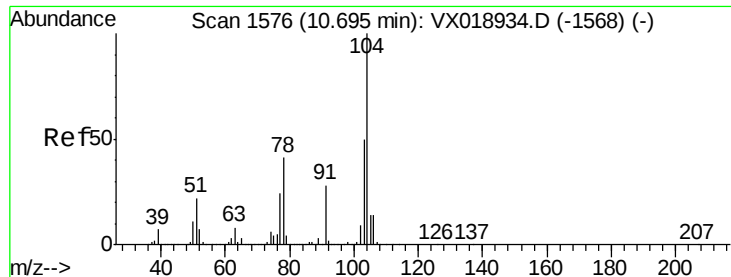
10.68

10.60

10.75

Time-->





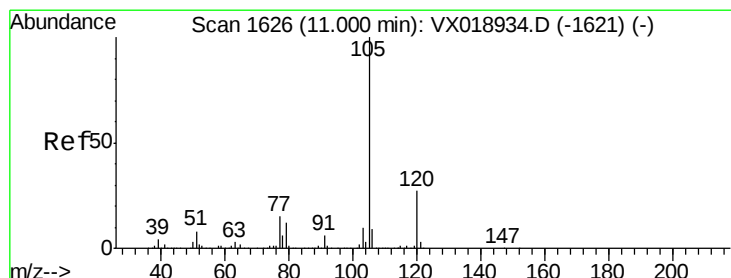
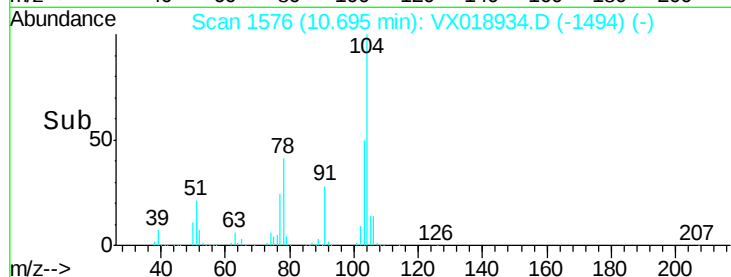
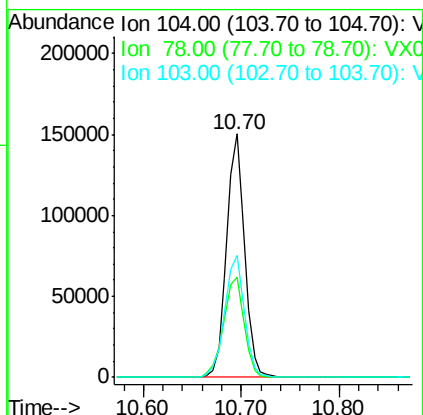
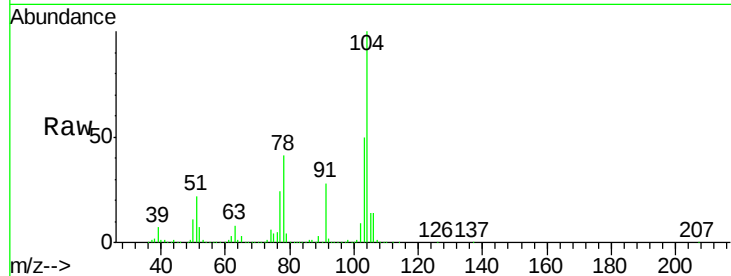
#69
Stvrene
Concen: 19.092 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.2	37.8	56.6
103	55.1	44.1	66.1

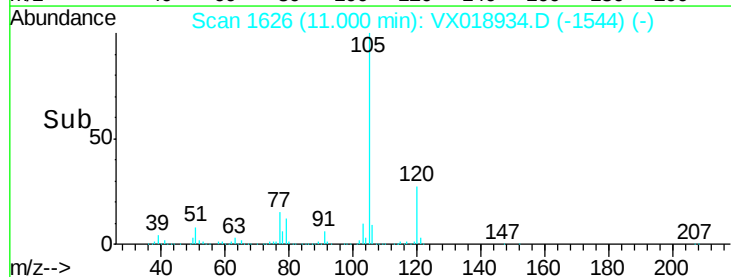
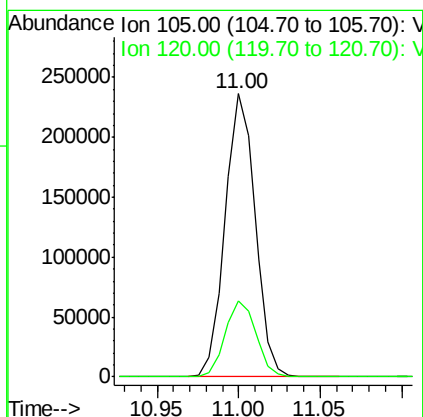
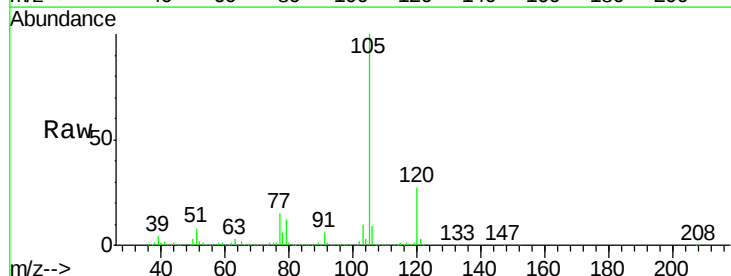
Manual Integrations
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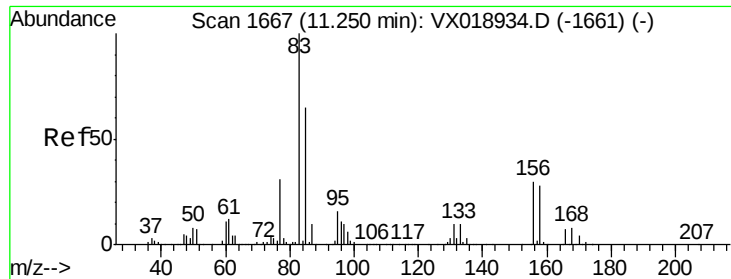
apatel
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#70
Isopropylbenzene
Concen: 18.906 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.7	19.4	36.0





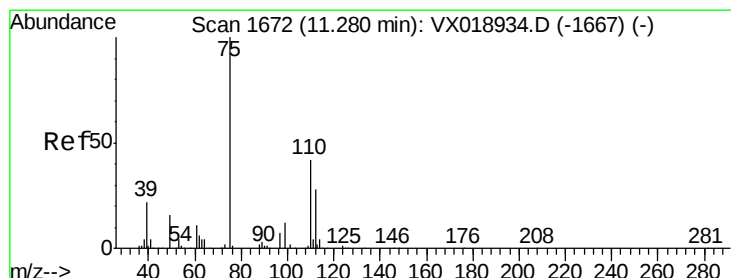
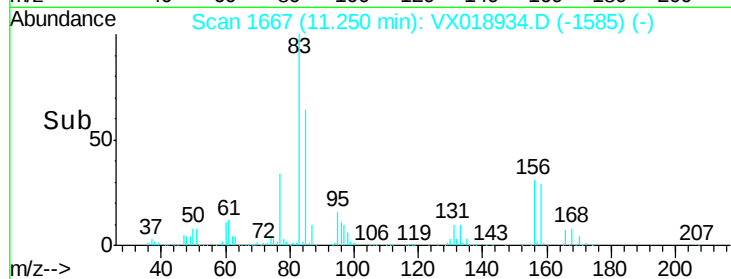
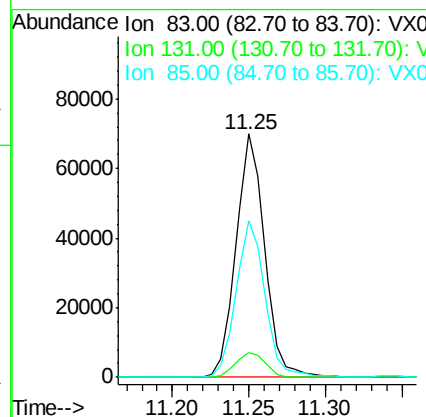
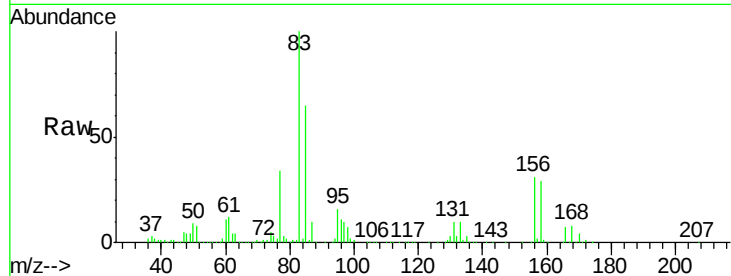
#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.616 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.3	16.1
85	64.5	32.3	96.8

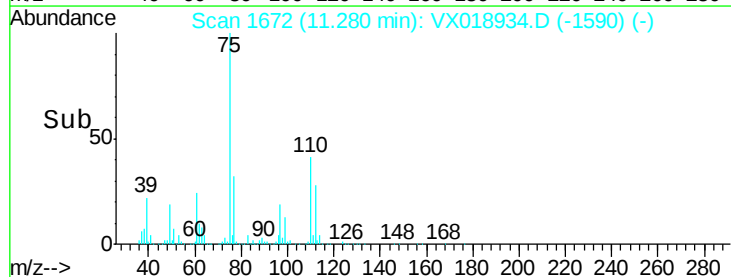
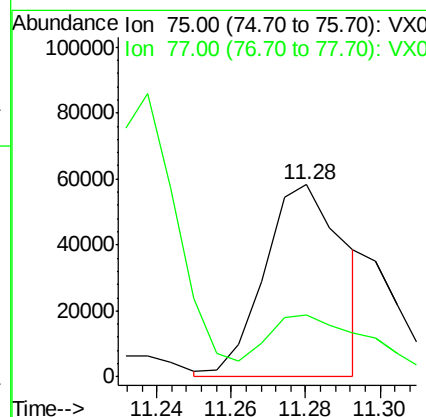
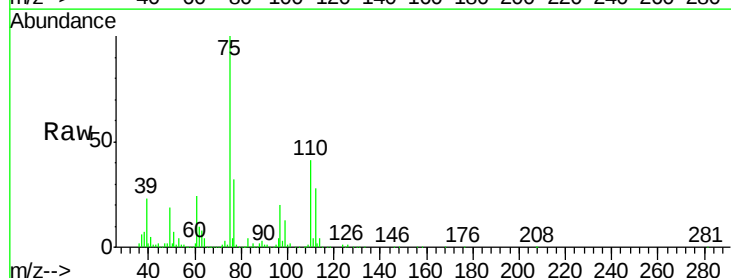
Manual Integrations
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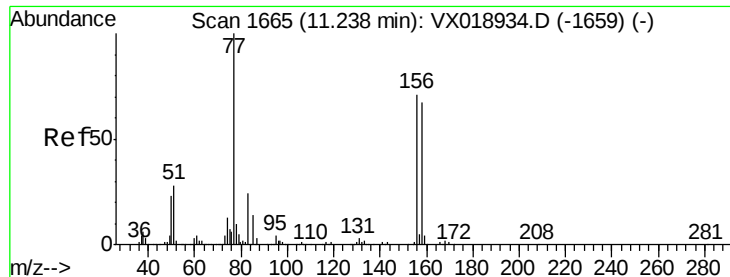
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#72
 1,2,3-Trichloropropane
 Concen: 17.645 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.9	0.0	75.8





#73

Bromobenzene

Concen: 17.941 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

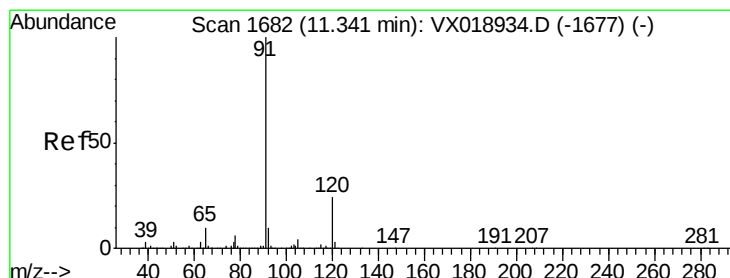
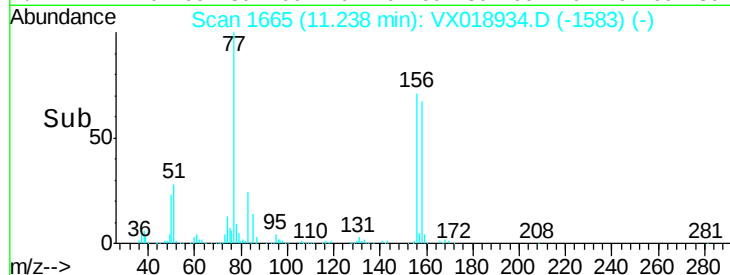
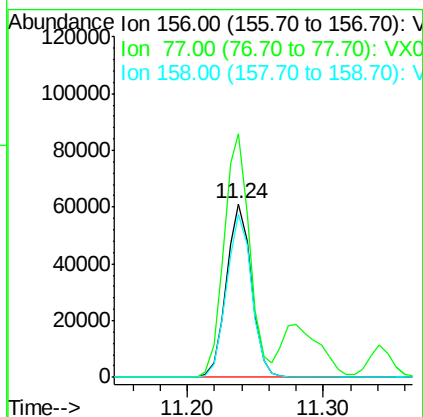
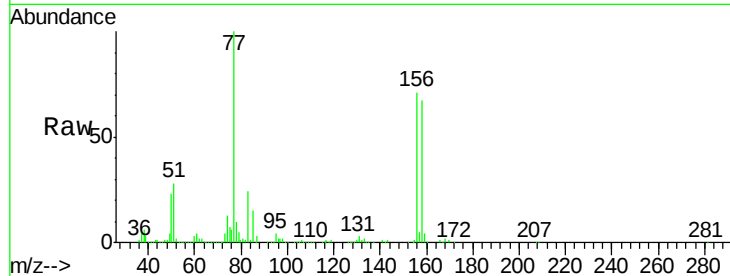
ClientSampleId :

VSTDICCC020

Tot Ion:	156	Resp:	77698
Ion Ratio	Lower	Upper	
156	100		
77	144.1	0.0	288.2
158	94.6	0.0	189.2

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#74

n-propylbenzene

Concen: 18.414 ug/l

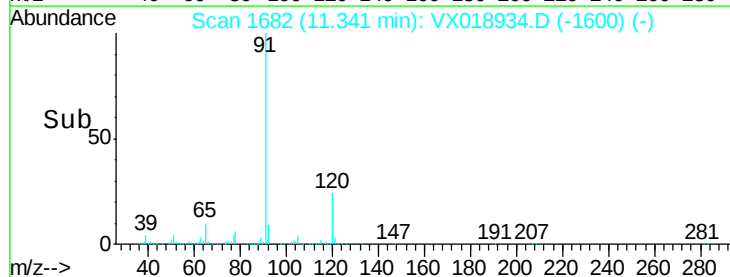
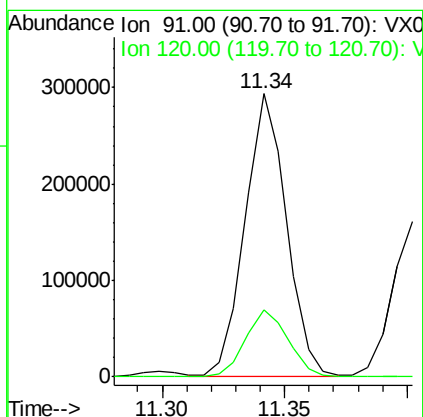
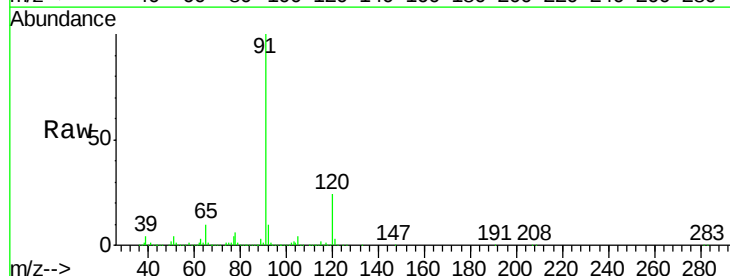
RT: 11.34 min Scan# 1682

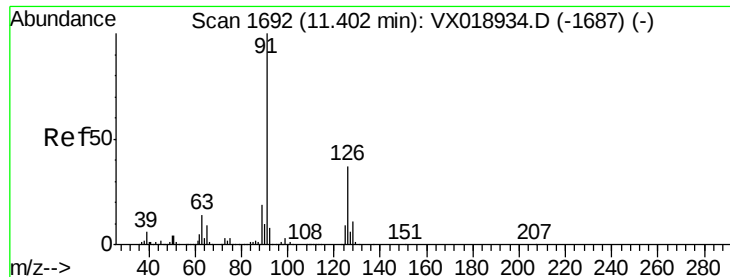
Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Tgt Ion:	91	Resp:	345383
Ion Ratio	Lower	Upper	
91	100		
120	24.2	0.0	48.4





#75

2-Chlorotoluene

Concen: 17.702 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 91 Resp: 199160

Ion Ratio Lower Upper

91 100

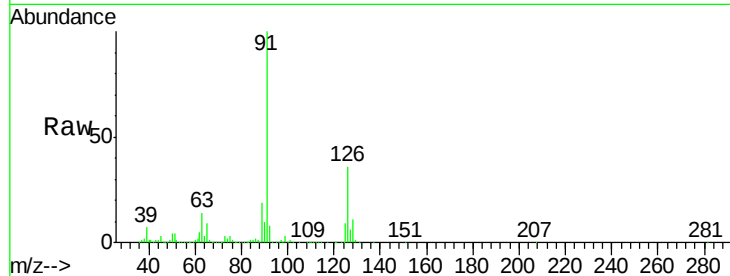
126 35.4 0.0 70.8

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Abundance Ion 91.00 (90.70 to 91.70): VX018934.D (-1687) (-)

Ion 126.00 (125.70 to 126.70): VX018934.D (-1687) (-)

300000

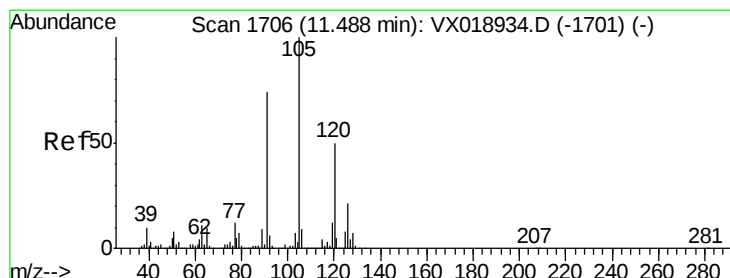
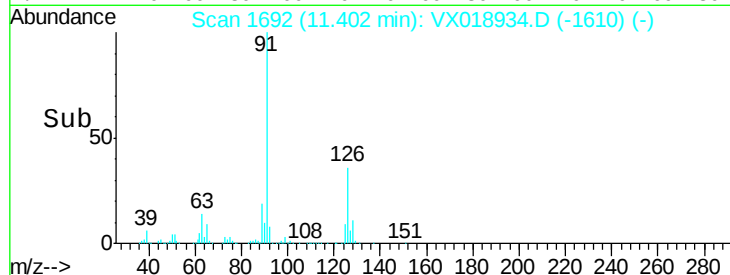
200000

100000

0

11.35 11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.208 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX018934.D

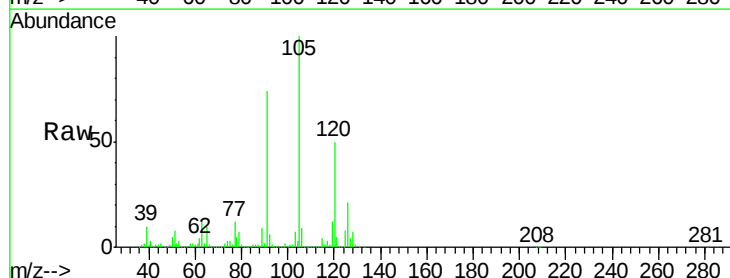
Acq: 15 Oct 2020 14:02

Tgt Ion: 105 Resp: 252368

Ion Ratio Lower Upper

105 100

120 50.8 0.0 101.6



Abundance Ion 105.00 (104.70 to 105.70): VX018934.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018934.D (-1701) (-)

200000

150000

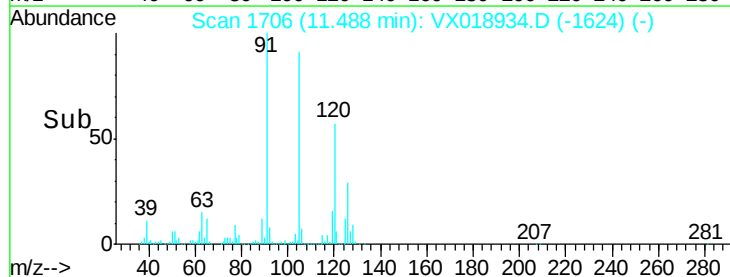
100000

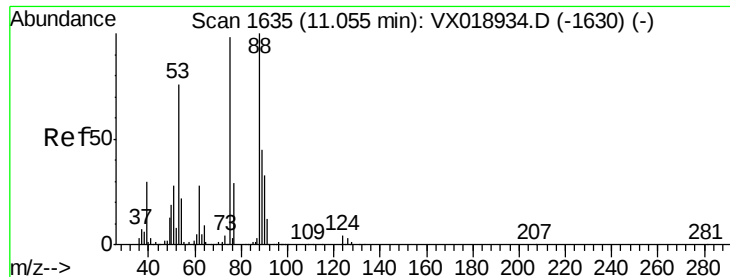
50000

0

11.40 11.50 11.60

Time-->





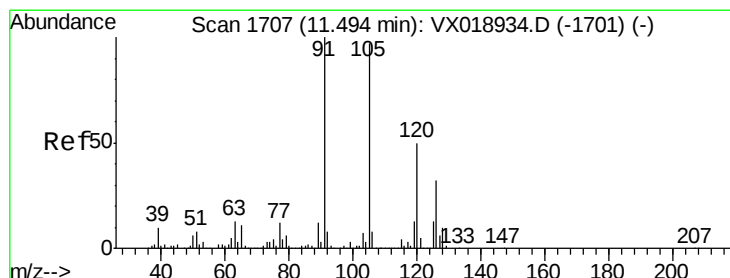
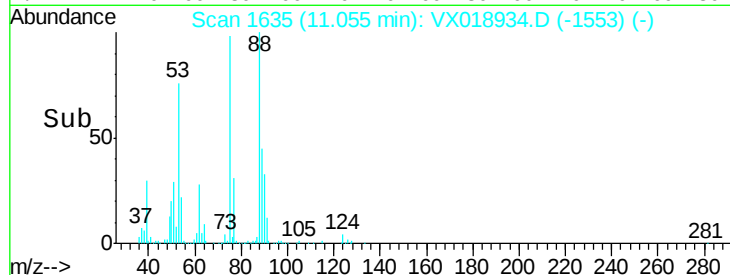
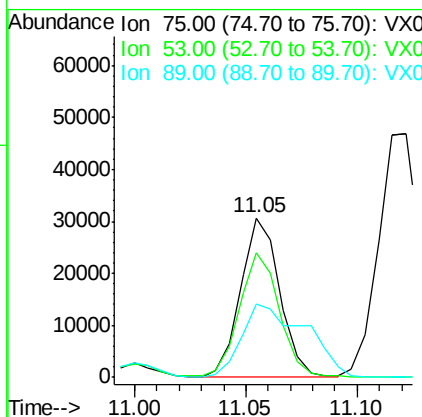
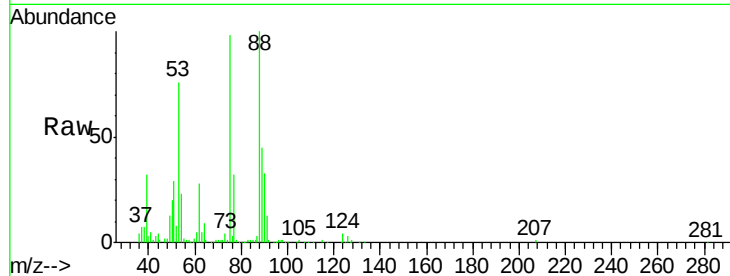
#77
t-1,4-Dichloro-2-butene
Concen: 19.024 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	77.5	38.8	116.3
89	45.9	22.9	68.8

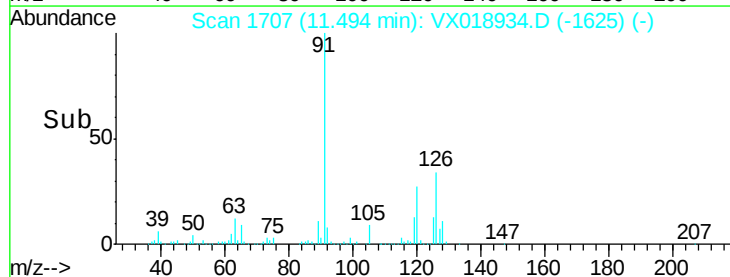
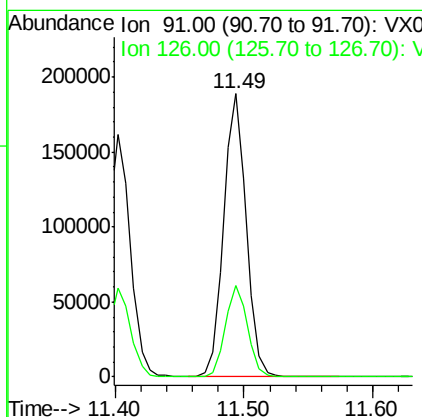
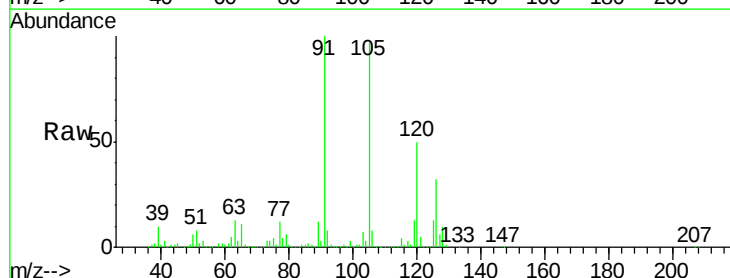
Manual Integrations
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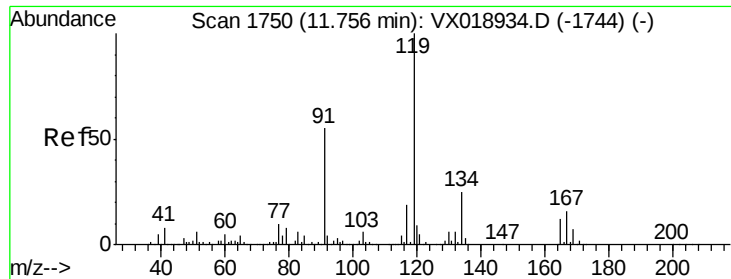
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#78
4-Chlorotoluene
Concen: 17.371 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	0.0	63.6





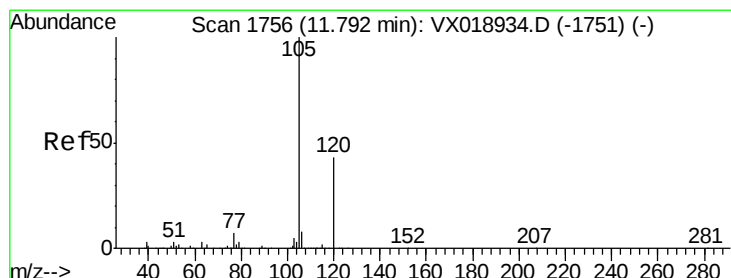
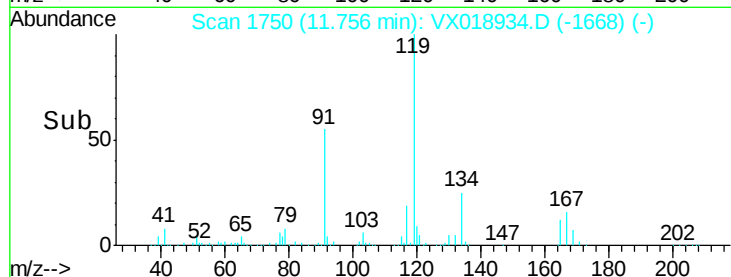
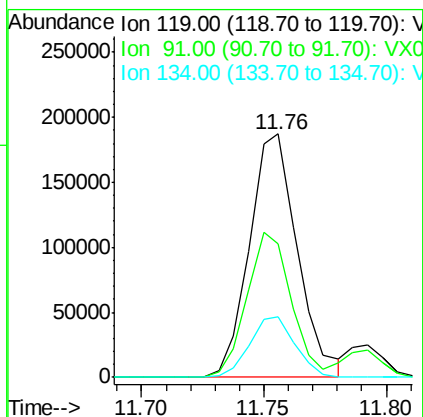
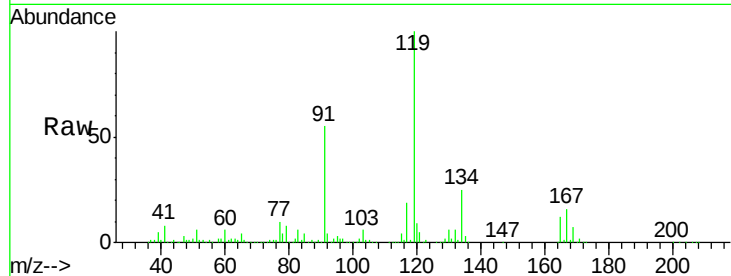
#79
tert-butylbenzene
Concen: 18.934 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	255047		
91	55.0		0.0	110.0
134	23.7		0.0	47.4

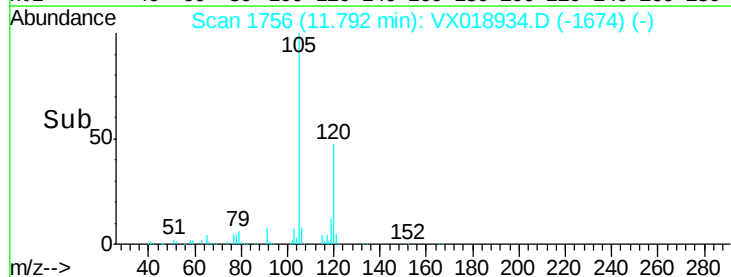
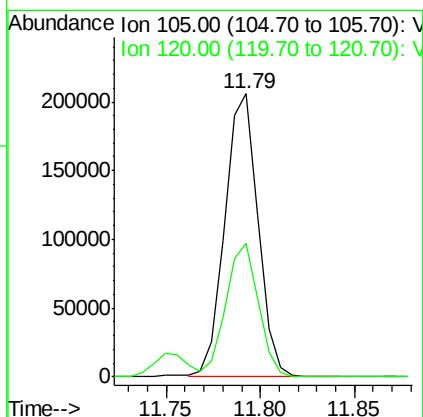
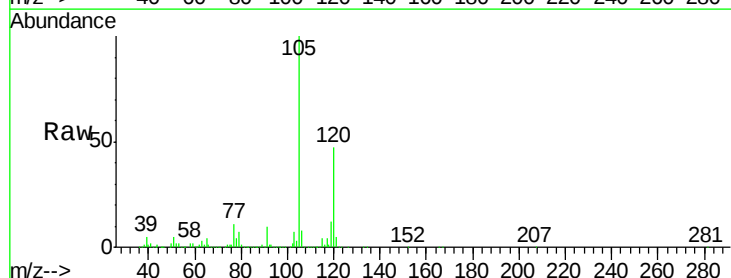
Manual Integrations
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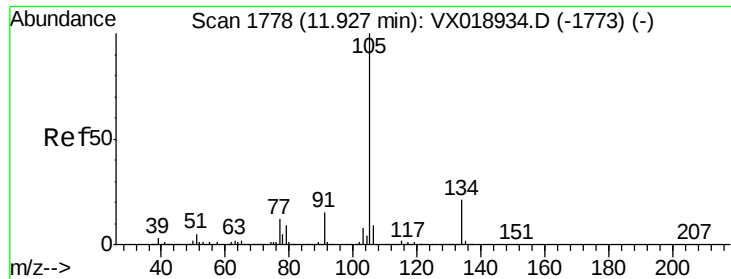
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#80
1,2,4-Trimethylbenzene
Concen: 18.261 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	249888		
120	46.5		0.0	93.0





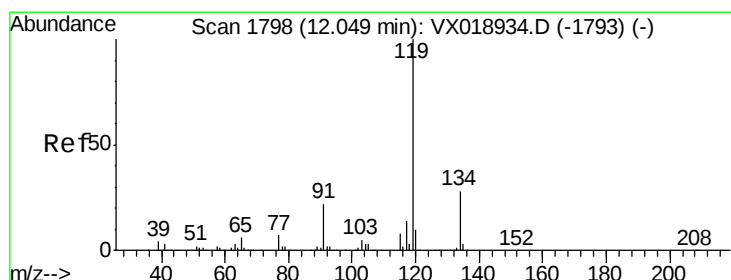
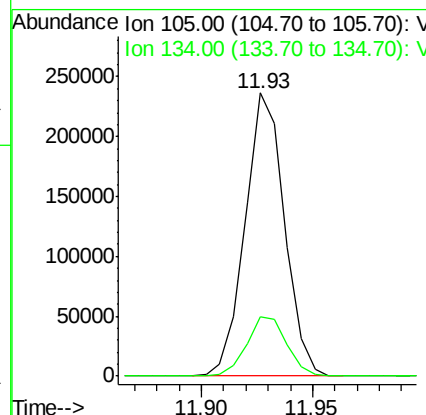
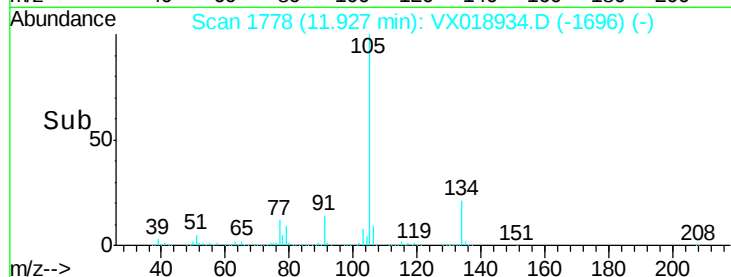
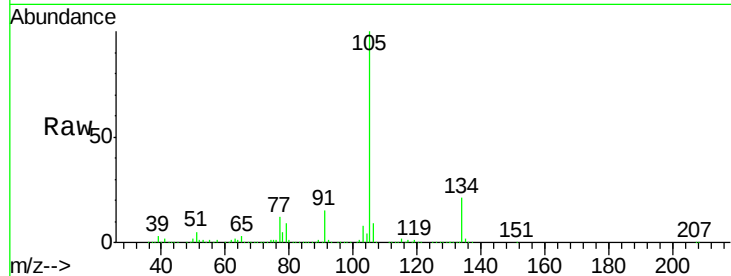
#81
 sec-Butylbenzene
 Concen: 18.542 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	0.0	42.6

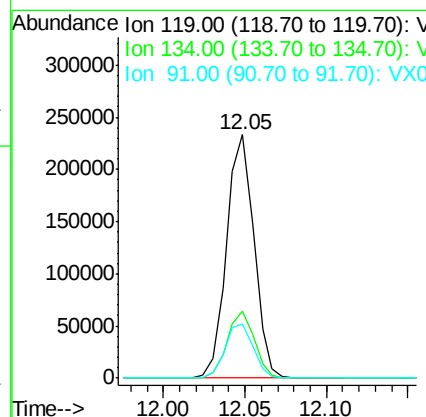
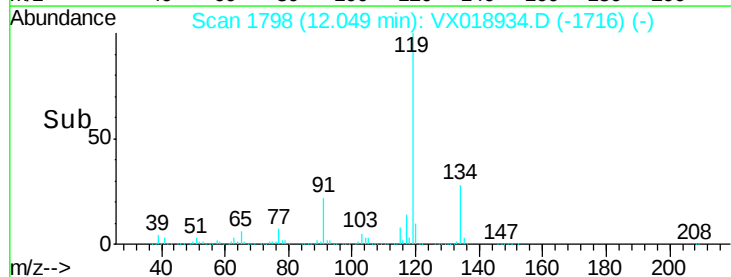
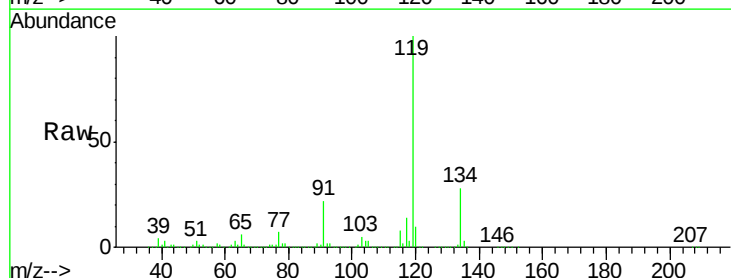
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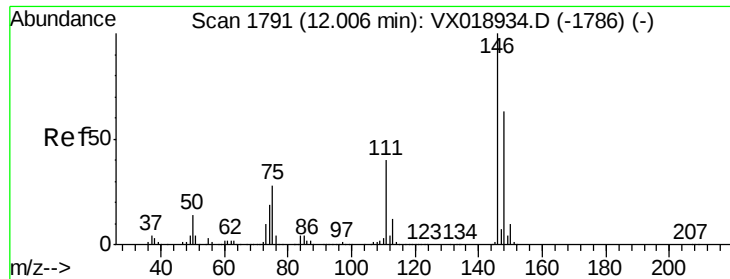
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#82
 p-Isopropyltoluene
 Concen: 18.597 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.4	0.0	54.8
91	22.7	0.0	45.4





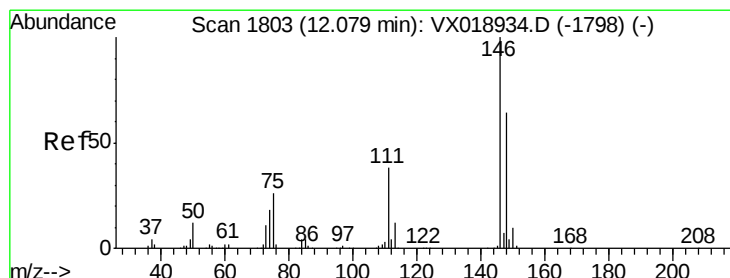
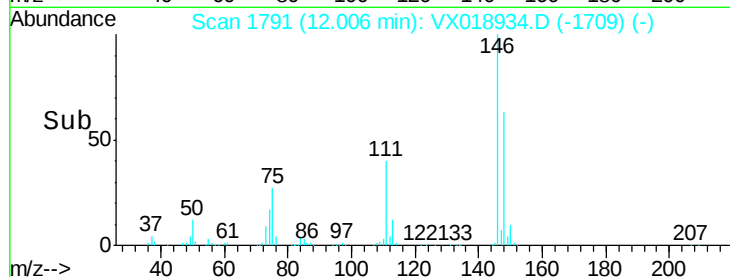
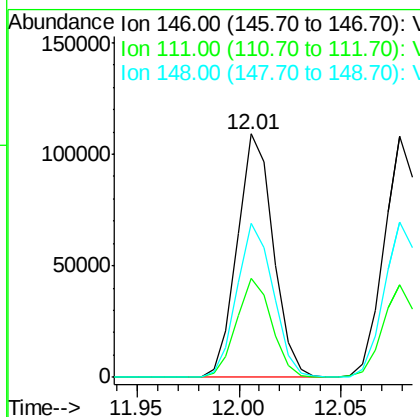
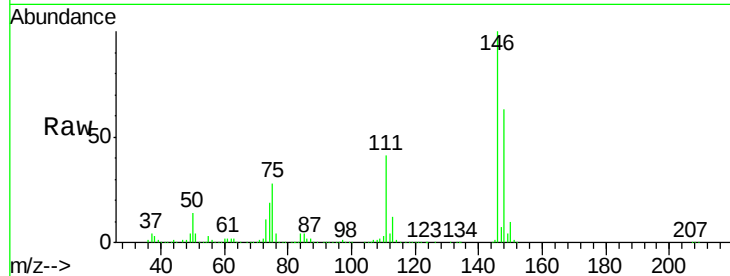
#83
 1,3-Dichlorobenzene
 Concen: 17.428 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	63.7	31.9	95.5

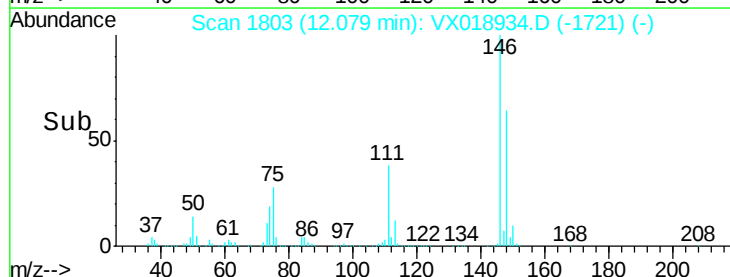
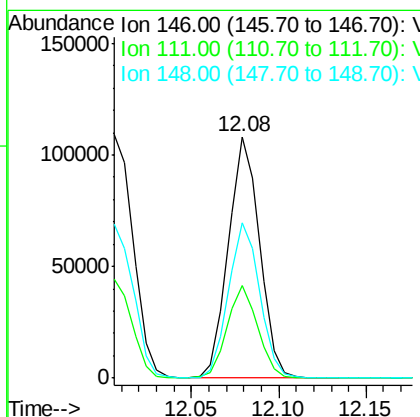
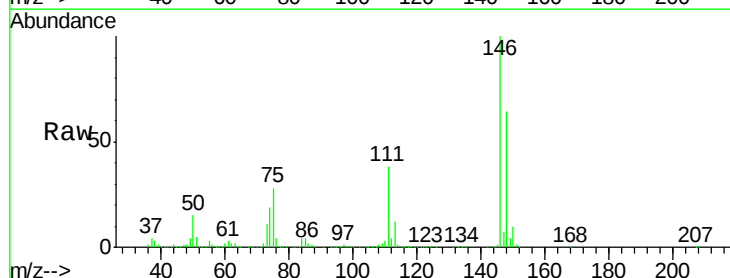
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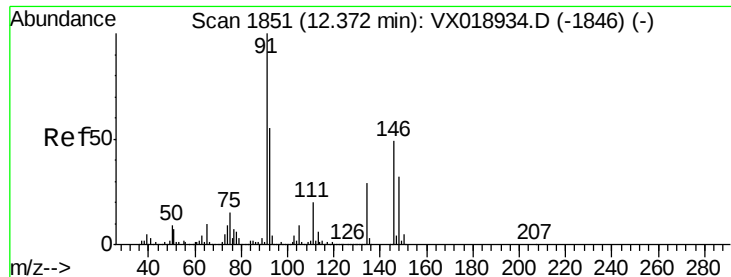
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#84
 1,4-Dichlorobenzene
 Concen: 17.562 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.6
148	64.3	32.1	96.5





#85

n-Butylbenzene

Concen: 18.445 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

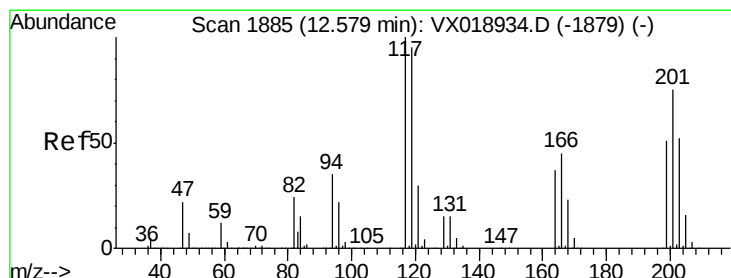
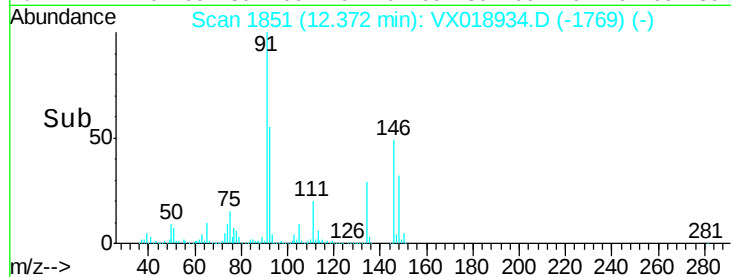
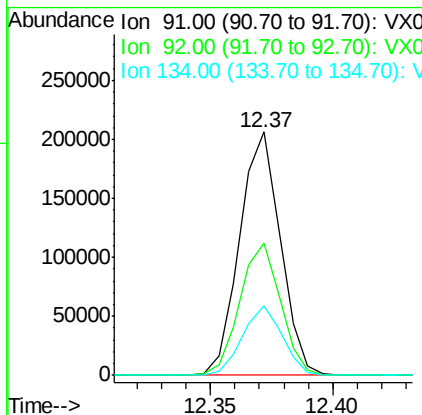
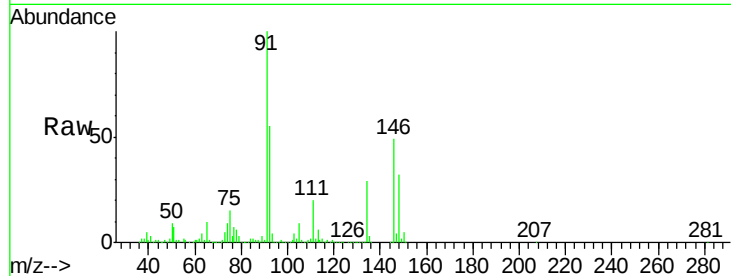
ClientSampleId :

VSTDICCC020

Tot Ion:	91	Resp:	238559
Ion Ratio	Lower	Upper	
91	100		
92	54.8	0.0	109.6
134	28.2	0.0	56.4

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#86

Hexachloroethane

Concen: 16.330 ug/l

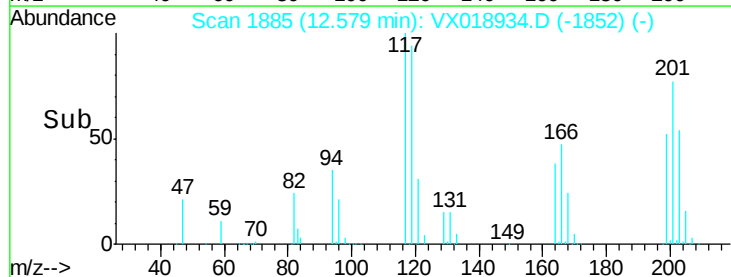
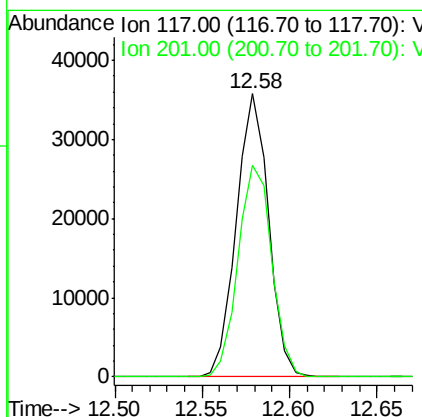
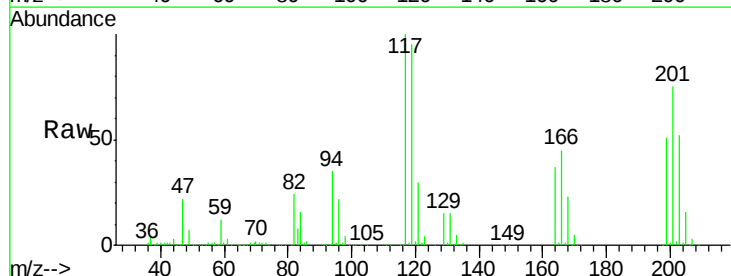
RT: 12.58 min Scan# 1885

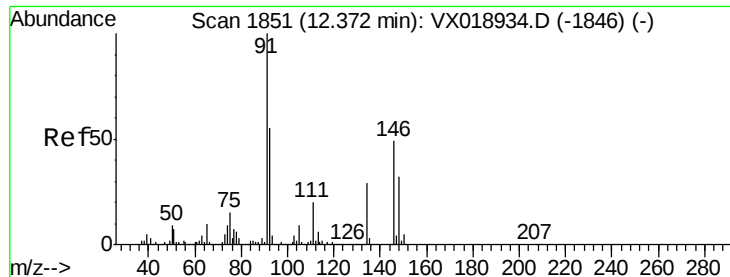
Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Tgt Ion:	117	Resp:	45913
Ion Ratio	Lower	Upper	
117	100		
201	77.7	38.9	116.6





#87

1,2-Dichlorobenzene

Concen: 17.932 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

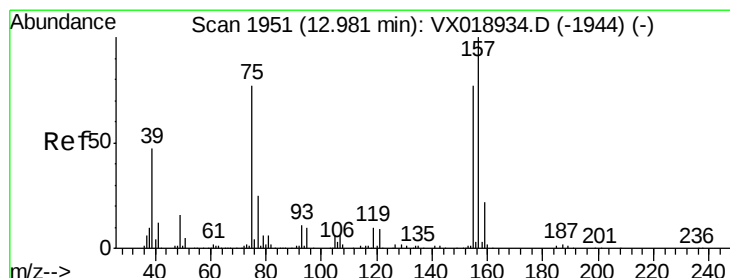
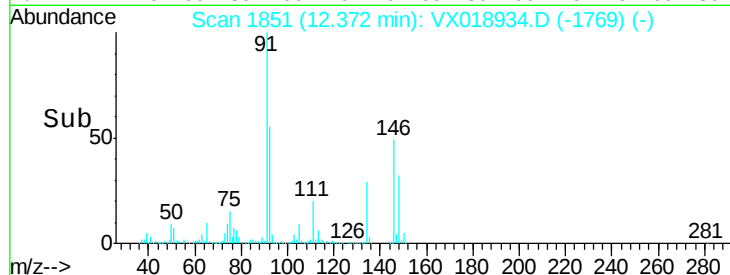
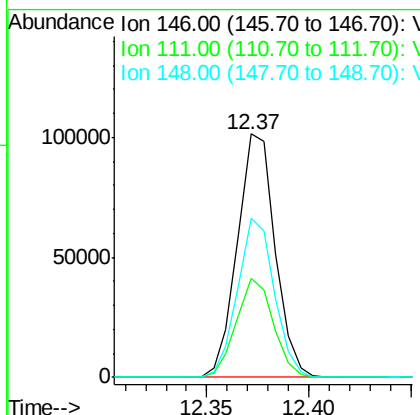
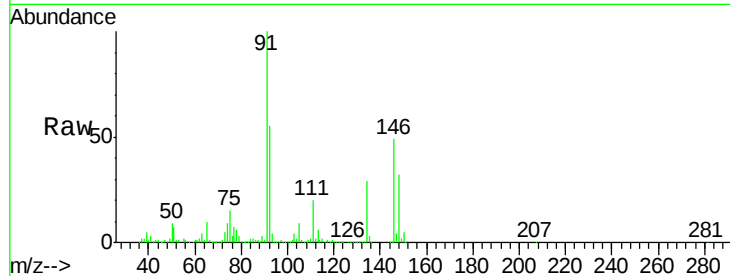
ClientSampleId :

VSTDICCC020

Tot Ion:	146	Resp:	130082
Ion Ratio	Lower	Upper	
146	100		
111	39.7	19.9	59.6
148	63.8	31.9	95.7

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#88

1,2-Dibromo-3-Chloropropane

Concen: 16.455 ug/l

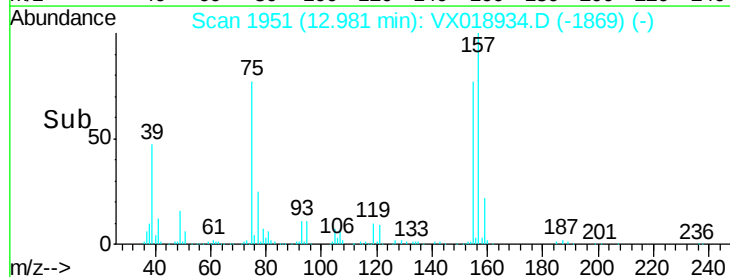
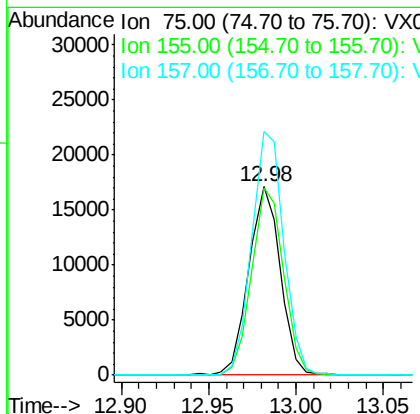
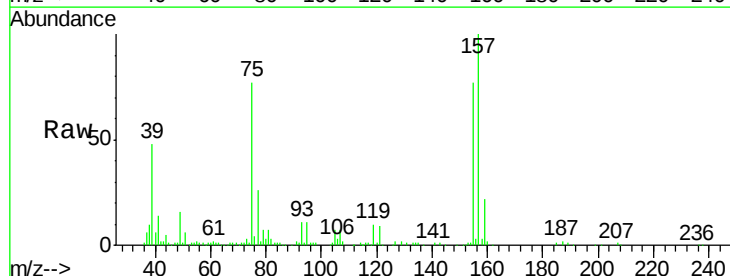
RT: 12.98 min Scan# 1951

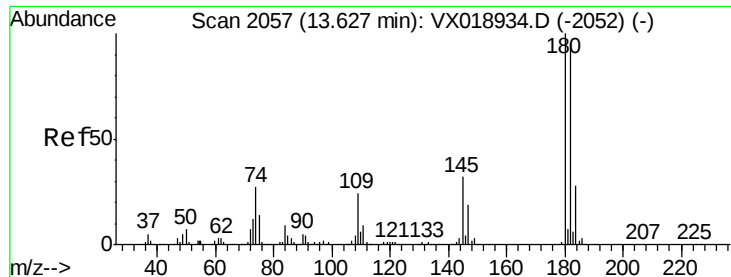
Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Tgt Ion:	75	Resp:	21644
Ion Ratio	Lower	Upper	
75	100		
155	99.1	79.3	118.9
157	130.3	104.2	156.4





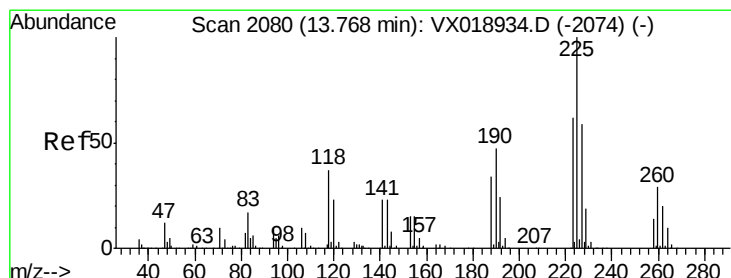
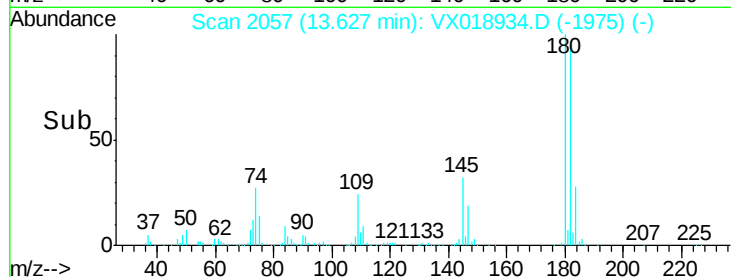
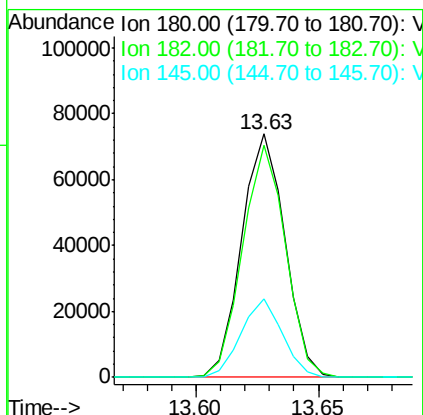
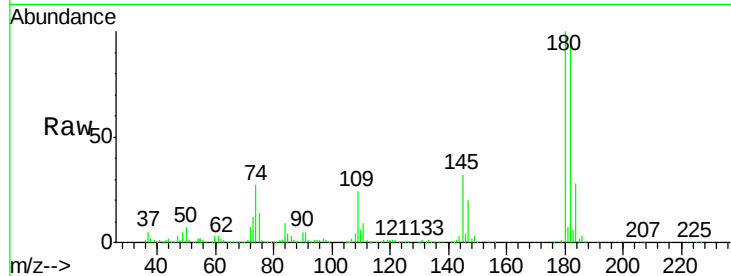
#89
1,2,4-Trichlorobenzene
Concen: 18.347 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.4	113.2
145	31.0	24.8	37.2

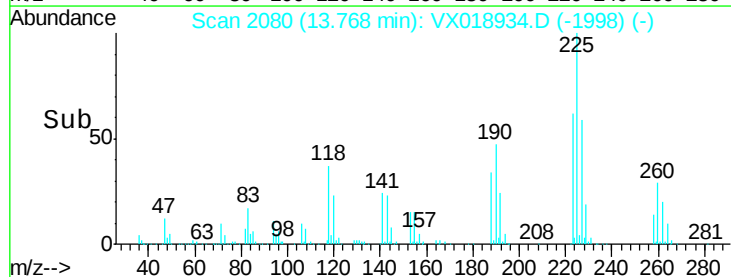
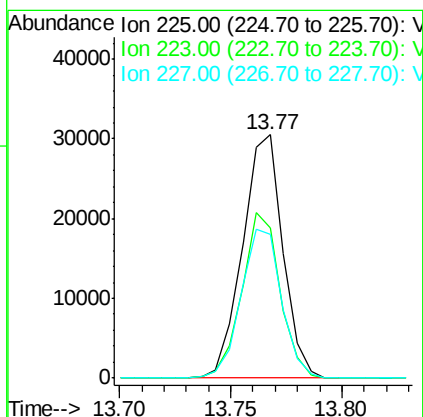
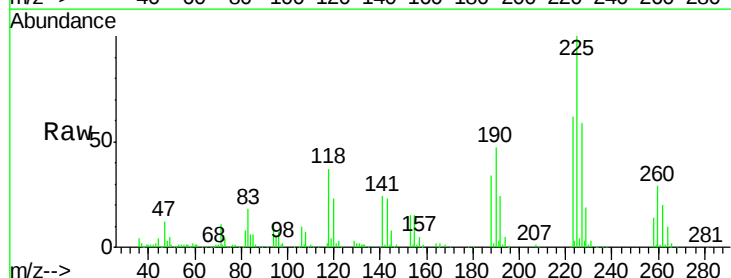
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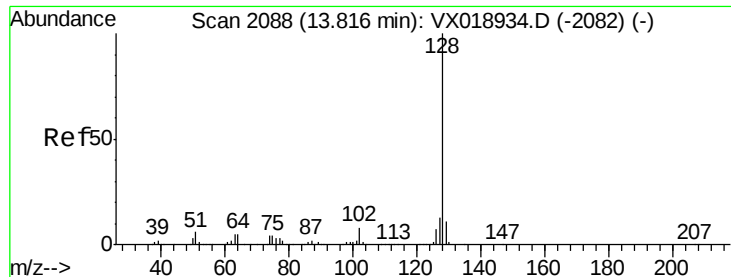
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#90
Hexachlorobutadiene
Concen: 18.531 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	0.0	128.8
227	61.6	0.0	123.2





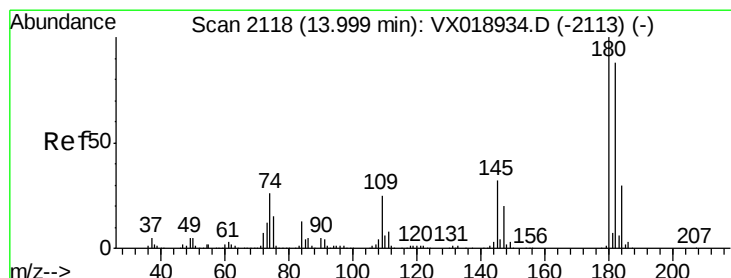
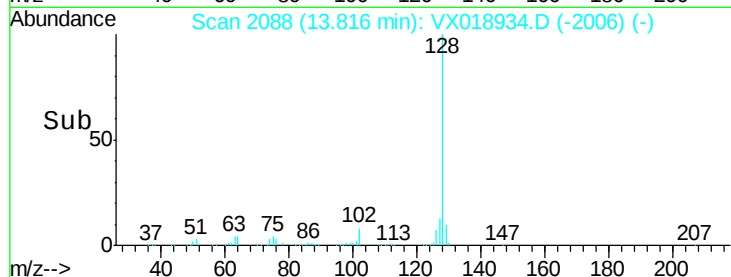
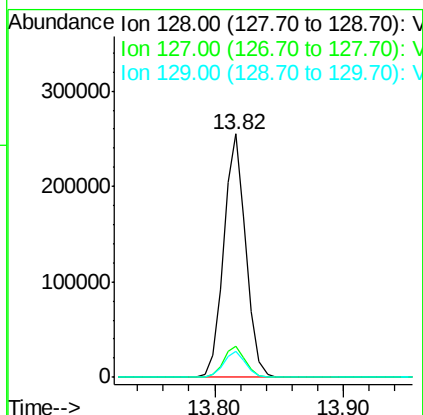
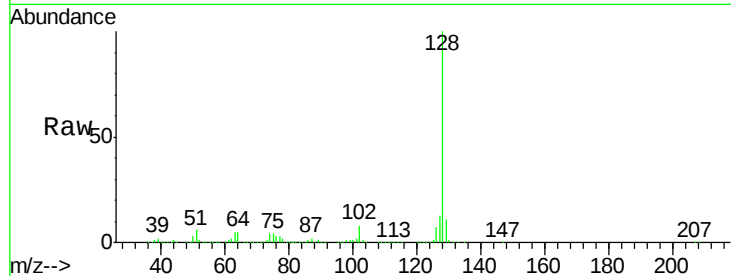
#91
Naphthalene
Concen: 19.358 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 18.367 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	0.0	190.8
145	32.2	0.0	64.4

