

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
 Data File : VX018933.D
 Acq On : 15 Oct 2020 13:29
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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 10/16/2020 2:11:28 PM

Quant Time: Oct 15 14:44:11 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	52115	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	291385	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	252325	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	102368	25.93	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	86.43%
60) 4-Bromofluorobenzene	11.12	95	117951	27.52	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.73%
63) Toluene-d8	8.70	98	341328	31.06	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.53%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	12468	4.632	ug/l 99
3) Chloromethane	1.31	50	14593	4.966	ug/l 98
4) Vinyl Chloride	1.39	62	17731	5.644	ug/l 97
5) Bromomethane	1.63	94	12264	5.874	ug/l 98
6) Chloroethane	1.71	64	12727	6.555	ug/l 98
7) Trichlorofluoromethane	1.92	101	28330	5.401	ug/l 96
8) Diethyl Ether	2.17	74	10553	6.121	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	16151	5.932	ug/l 97
10) 1,1-Dichloroethene	2.36	96	16259	6.027	ug/l 98
11) Methyl Iodide	2.49	142	15088	4.997	ug/l 95
12) Methyl Acetate	2.75	43	14945	4.434	ug/l 99
13) Acrolein	2.27	56	14736	44.886	ug/l 97
14) Acrylonitrile	3.12	53	35140	22.925	ug/l 99
15) Acetone	2.42	58	12939	29.259	ug/l 96
16) Carbon Disulfide	2.55	76	39307	5.181	ug/l 98
17) Allyl chloride	2.70	41	20978	4.602	ug/l 98
18) Methylene Chloride	2.83	84	17376	5.667	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	16286	5.532	ug/l 94
20) Diisopropyl ether	3.82	45	37881	4.264	ug/l 90
21) 1,1-Dichloroethane	3.67	63	26125	4.972	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	17661	5.429	ug/l 97
23) tert-Butyl Alcohol	3.01	59	21152	29.963	ug/l # 100
24) Methyl tert-Butyl Ether	3.16	73	42991	4.678	ug/l 94
25) Chloroform	5.17	83	27667	4.936	ug/l 99
26) Cyclohexane	5.54	56	21673	5.071	ug/l # 96
29) 1,1-Dichloropropene	5.76	75	21410	4.860	ug/l 97
30) 2-Butanone	4.64	43	52602	22.260	ug/l 98
31) 2,2-Dichloropropane	4.54	77	25656	4.848	ug/l # 77
32) 1,1,1-Trichloroethane	5.46	97	25964	4.584	ug/l 99
33) Carbon Tetrachloride	5.75	117	23820	4.533	ug/l # 96
34) Benzene	6.10	78	62861	4.992	ug/l 97
35) Methacrylonitrile	5.00	41	10536	4.221	ug/l 91
36) 1,2-Dichloroethane	6.16	62	20153	4.002	ug/l 98
37) Trichloroethene	7.19	130	18053	4.914	ug/l 99
38) Methylcyclohexane	7.43	83	24526	5.117	ug/l 97
39) 1,2-Dichloropropane	7.49	63	15353	4.630	ug/l 93
40) Dibromomethane	7.63	93	11183	4.648	ug/l 95

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
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Quant Time: Oct 15 14:44:11 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)

41) Bromodichloromethane	7.87	83	23295	4.674	ug/l	93
42) Vinyl Acetate	3.78	43	186302	21.267	ug/l	100
43) Ethyl Acetate	4.79	43	24498m	5.205	ug/l	
44) Isopropyl Acetate	6.41	43	36027	4.699	ug/l #	100
45) 1,4-Dioxane	7.71	88	7315	107.943	ug/l	94
46) Methyl methacrylate	7.74	41	16001	4.248	ug/l	95
47) n-amyl Acetate	10.88	43	28465	4.204	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	26006	4.782	ug/l	96
49) cis-1,3-Dichloropropene	8.42	75	27844	4.880	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	16111	4.752	ug/l	95
51) Ethyl methacrylate	9.16	69	25398	5.062	ug/l	99
52) 1,3-Dichloropropane	9.35	76	26872	4.780	ug/l	100
53) Dibromochloromethane	9.56	129	18309	4.340	ug/l	99
54) 1,2-Dibromoethane	9.65	107	17680	4.733	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	68168	26.106	ug/l	100
56) Bromoform	10.84	173	13271	4.132	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	103280	24.431	ug/l	99
59) 2-Hexanone	9.47	43	79503	24.652	ug/l	98
61) Tetrachloroethene	9.32	164	15483	4.986	ug/l	95
62) Toluene	8.76	91	69379	5.451	ug/l	99
64) Chlorobenzene	10.12	112	43819	5.347	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	16869	5.113	ug/l	98
66) Ethyl Benzene	10.23	91	75919	5.349	ug/l	98
67) m/p-Xylenes	10.34	106	59512	10.956	ug/l	99
68) o-Xylene	10.68	106	27911	5.403	ug/l	99
69) Styrene	10.70	104	47097	5.264	ug/l	98
70) Isopropylbenzene	11.00	105	74785	5.263	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	22882	5.021	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	21782m	4.987	ug/l	
73) Bromobenzene	11.24	156	17700	4.608	ug/l	93
74) n-propylbenzene	11.34	91	85301	5.127	ug/l	99
75) 2-Chlorotoluene	11.40	91	48660	4.876	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	60085	4.888	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	9110	5.204	ug/l	96
78) 4-Chlorotoluene	11.49	91	56345	4.746	ug/l	99
79) tert-butylbenzene	11.76	119	62431	5.225	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	61102	5.034	ug/l	99
81) sec-Butylbenzene	11.93	105	70934	5.092	ug/l	99
82) p-Isopropyltoluene	12.05	119	66643	5.127	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	32350	4.746	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	32808	4.812	ug/l	98
85) n-Butylbenzene	12.37	91	58763	5.122	ug/l	99
86) Hexachloroethane	12.58	117	10988	4.406	ug/l	97
87) 1,2-Dichlorobenzene	12.37	146	30575	4.752	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	12.98	75	5398	4.627	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	21750	4.924	ug/l	100
90) Hexachlorobutadiene	13.77	225	9730	5.273	ug/l	97
91) Naphthalene	13.82	128	71304	5.108	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	20609	4.720	ug/l	96

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Quant Time: Oct 15 14:44:11 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

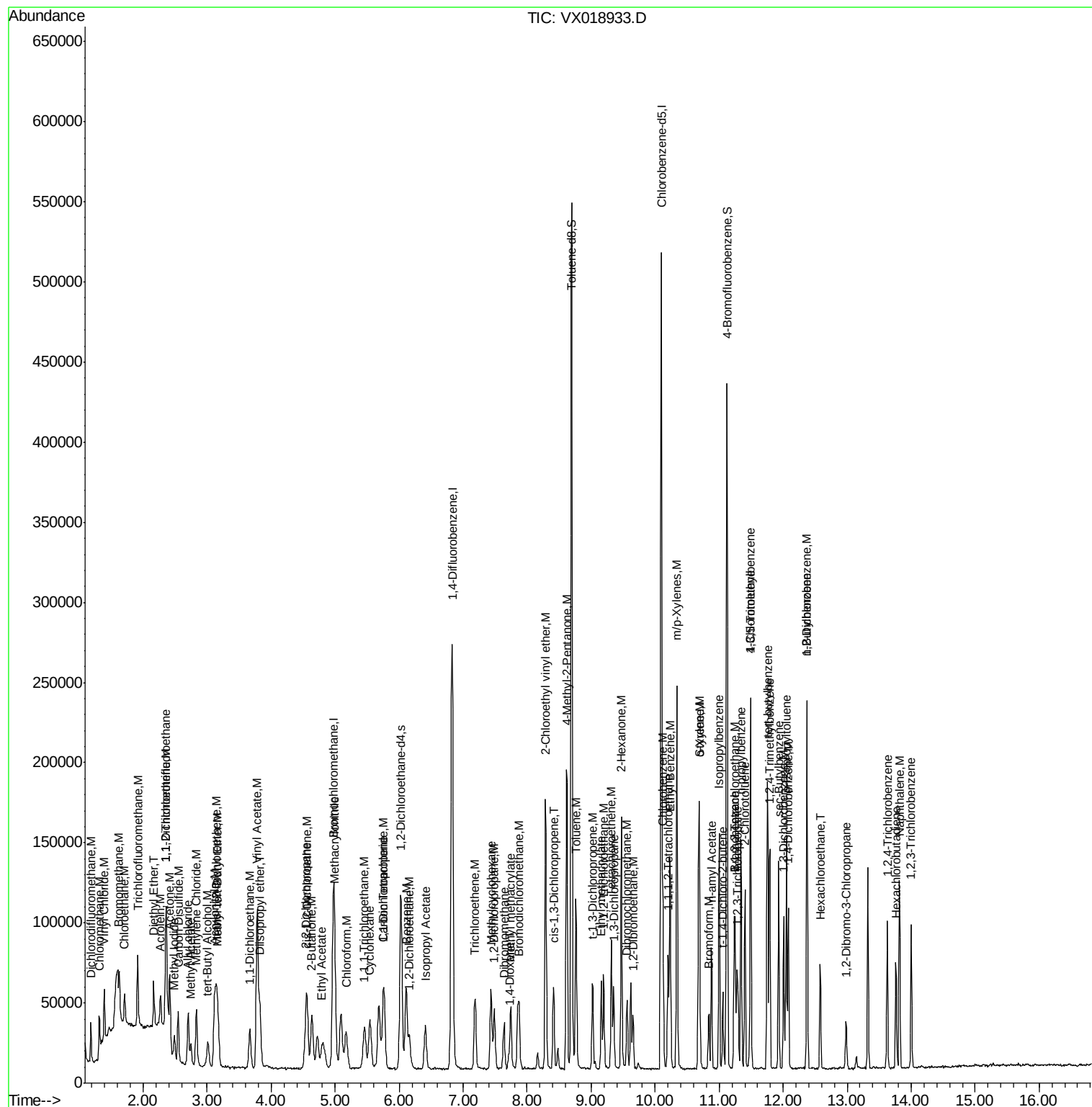
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Data File : VX018933.D
Acq On : 15 Oct 2020 13:29
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

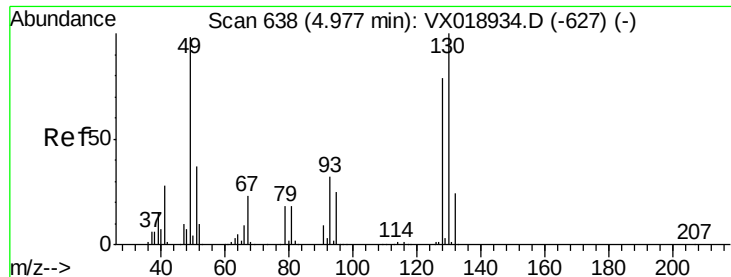
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Manual Integrations
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Quant Time: Oct 15 14:44:11 2020
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

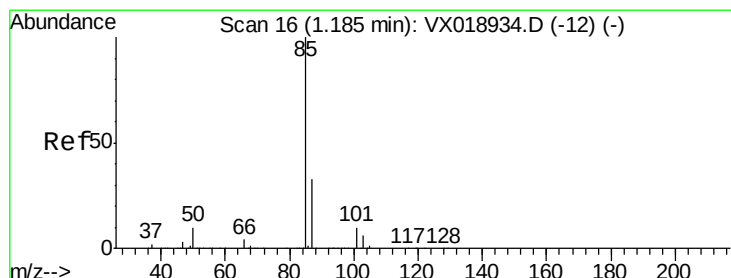
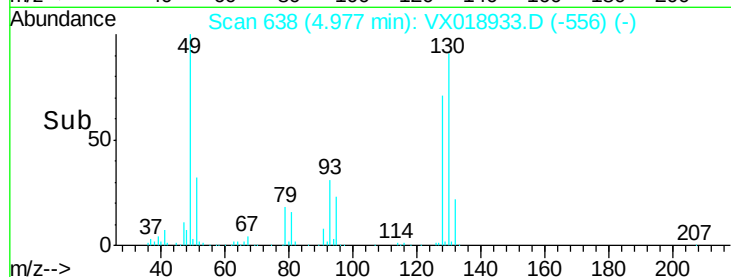
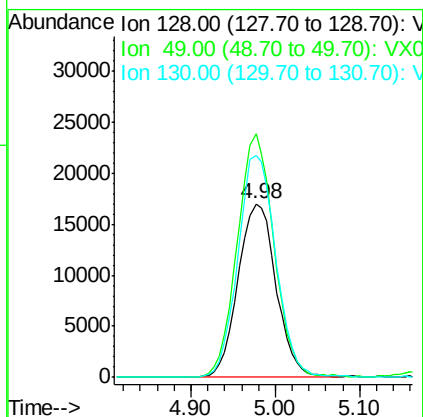
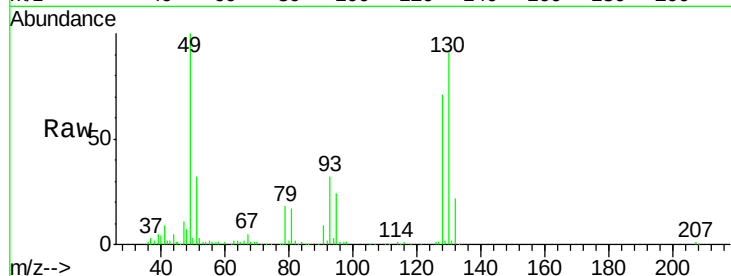
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	52115
Ion	Ratio	Lower	Upper
128	100		
49	135.1	0.0	330.5
130	126.4	0.0	323.8

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 4.632 ug/l

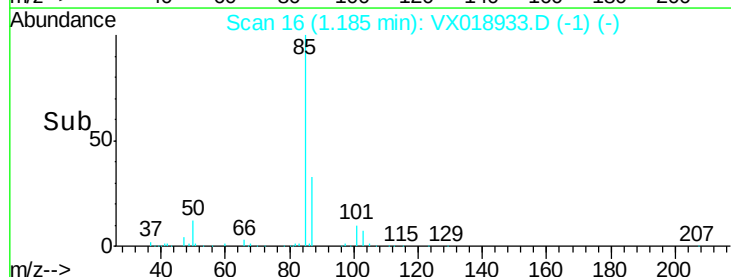
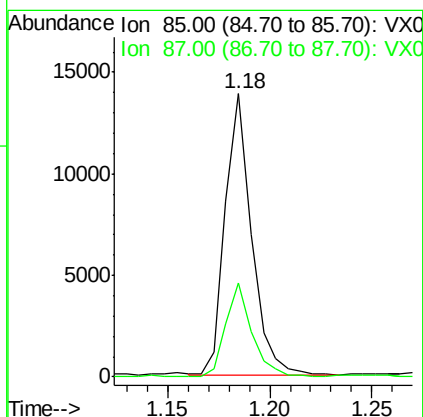
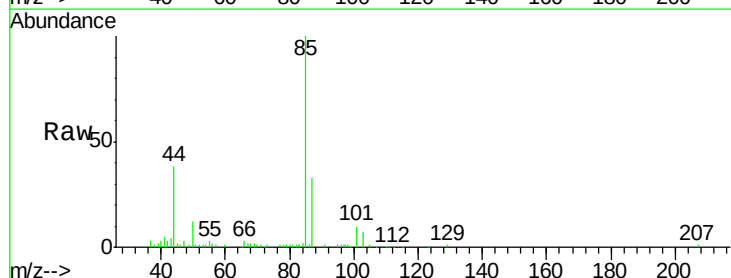
RT: 1.18 min Scan# 16

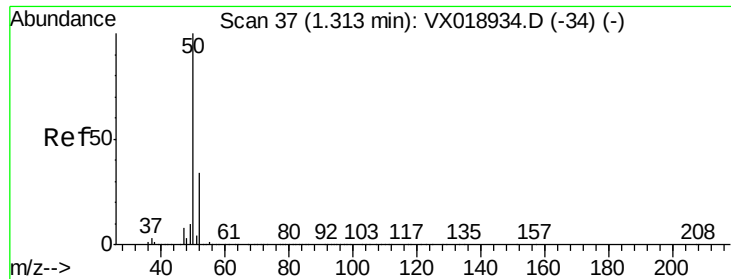
Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Tgt Ion:	85	Resp:	12468
Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.3	48.8





#3

Chloromethane

Concen: 4.966 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 14593

Ion Ratio Lower Upper

50 100

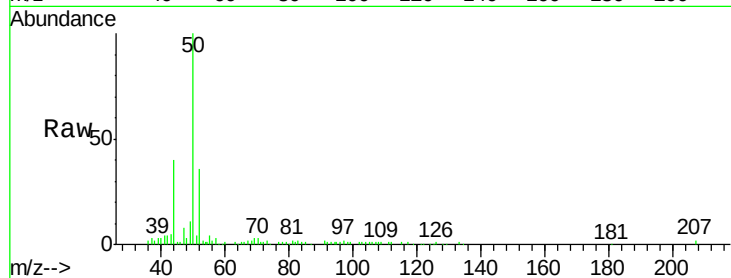
52 34.9 27.0 40.4

Manual Integrations

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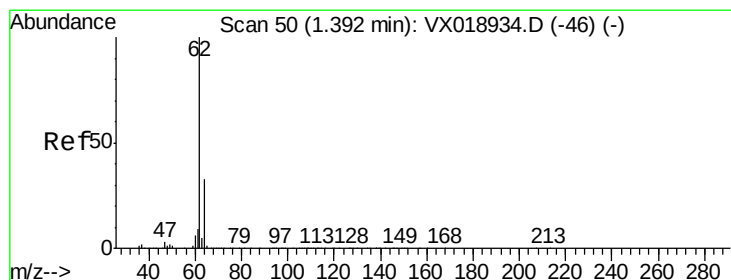
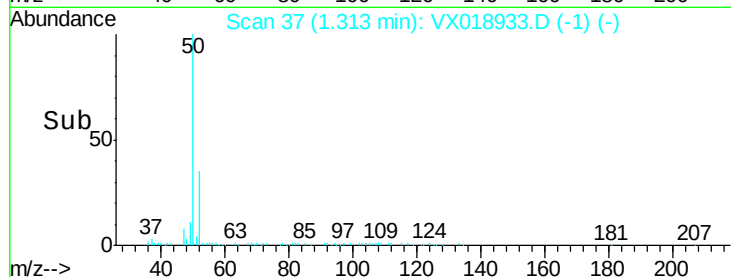
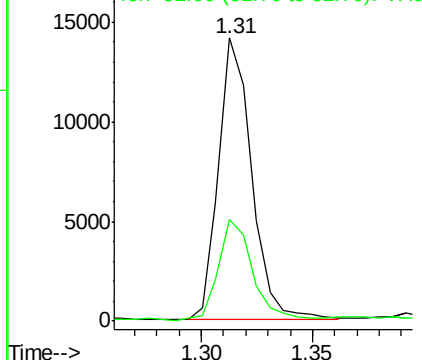
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 5.644 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018933.D

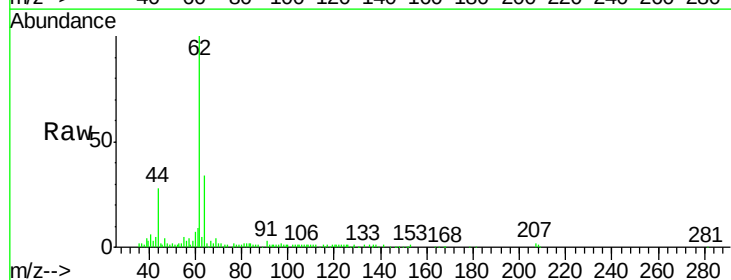
Acq: 15 Oct 2020 13:29

Tgt Ion: 62 Resp: 17731

Ion Ratio Lower Upper

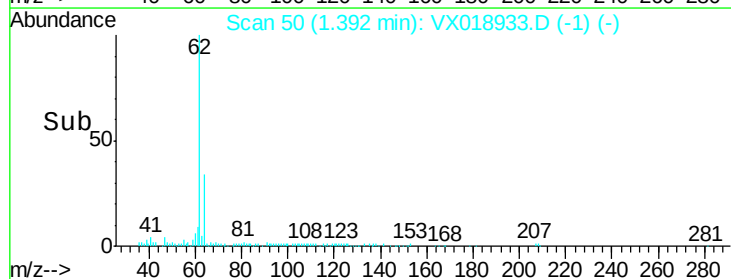
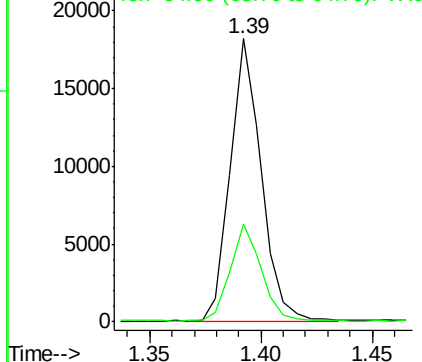
62 100

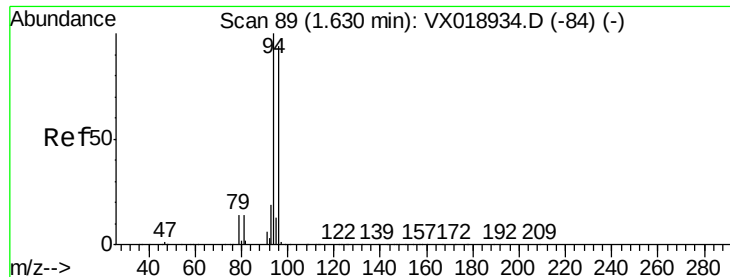
64 34.1 26.1 39.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 5.874 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 12264

Ion Ratio Lower Upper

94 100

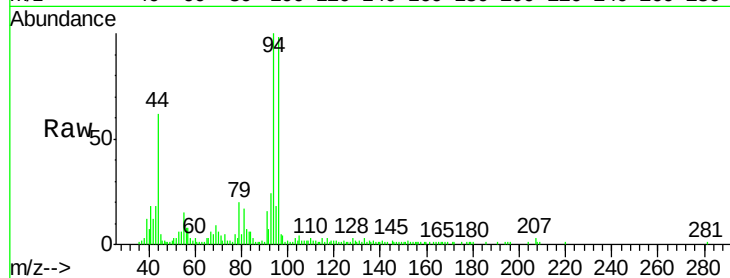
96 96.7 75.9 113.9

Manual Integrations

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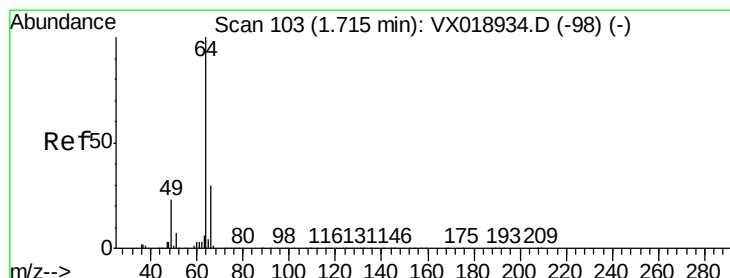
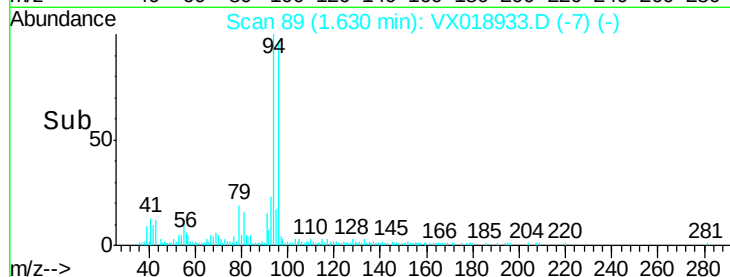
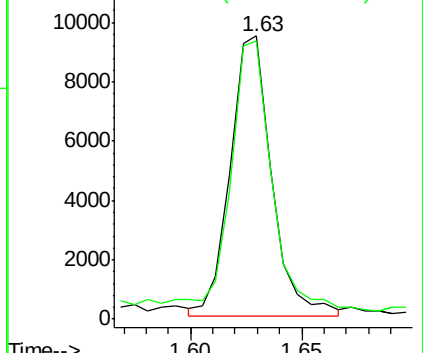
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 6.555 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018933.D

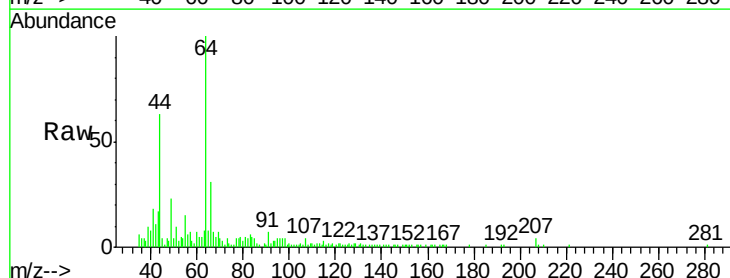
Acq: 15 Oct 2020 13:29

Tgt Ion: 64 Resp: 12727

Ion Ratio Lower Upper

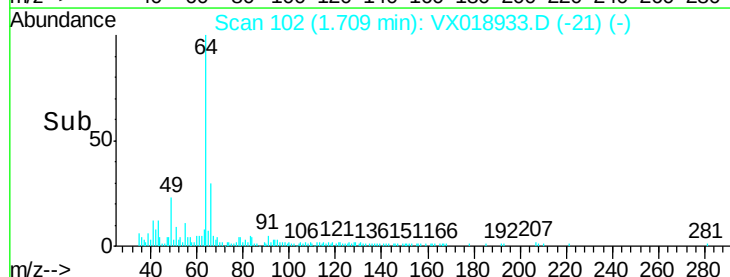
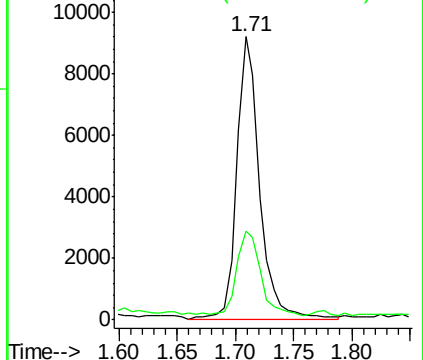
64 100

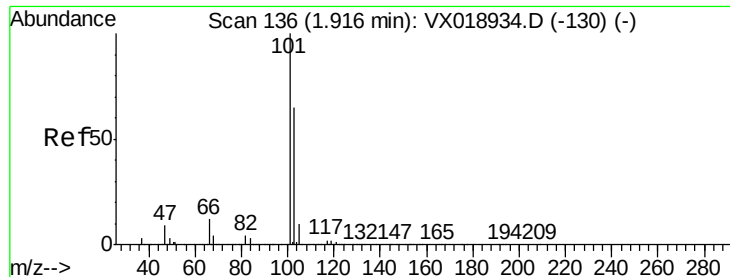
66 29.5 24.5 36.7



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

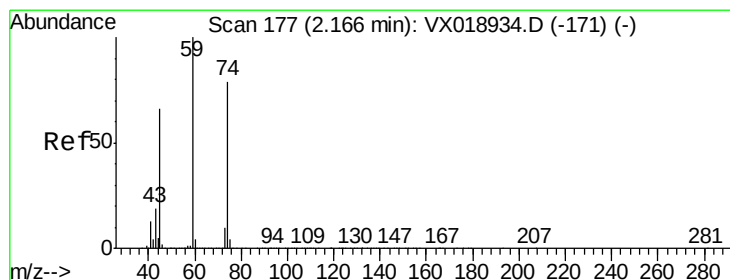
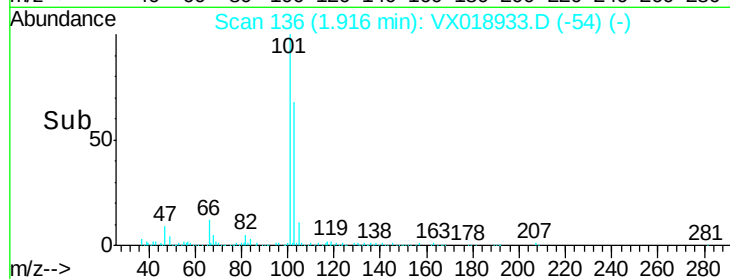
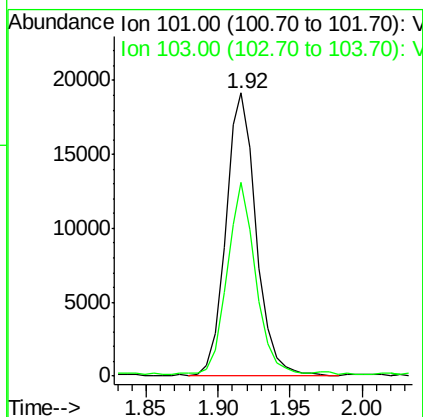
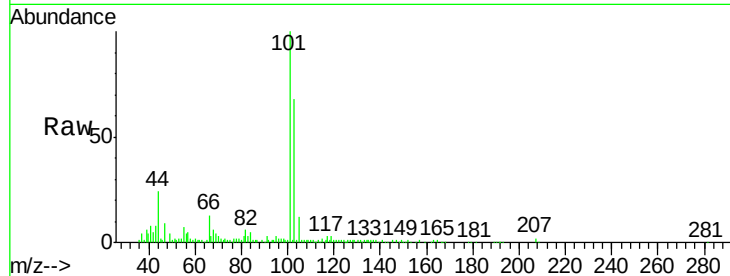
Trichlorofluoromethane
Concen: 5.401 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.9	51.8	77.6

Manual Integrations
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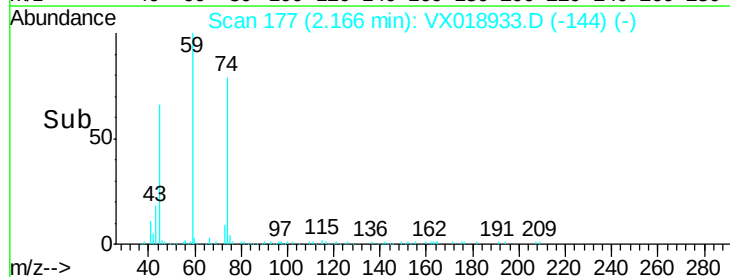
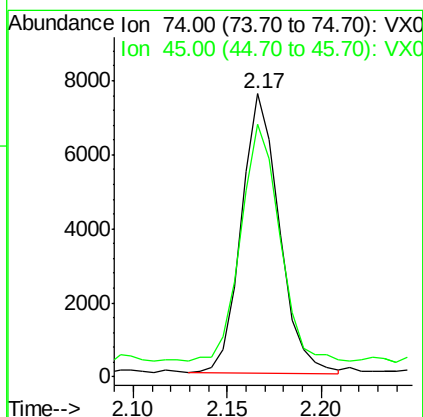
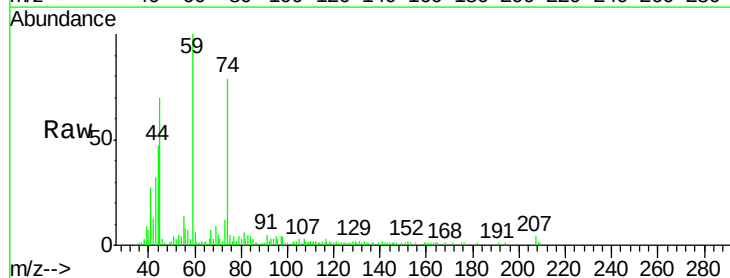
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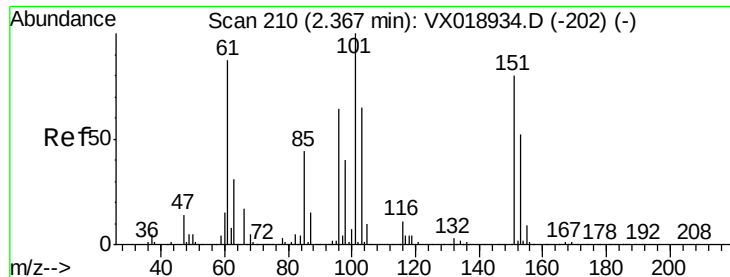


#8

Diethyl Ether
Concen: 6.121 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.3	16.6	149.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.932 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

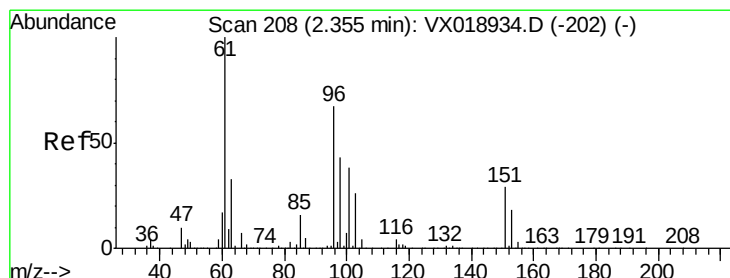
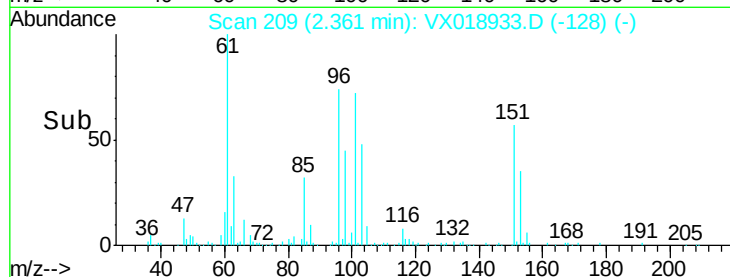
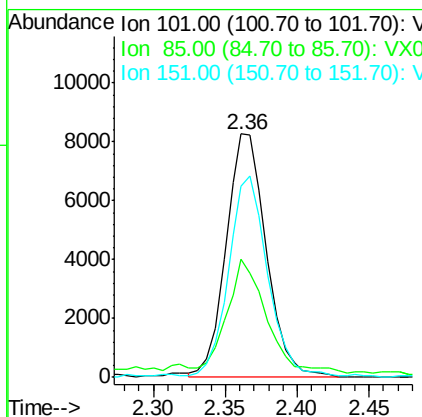
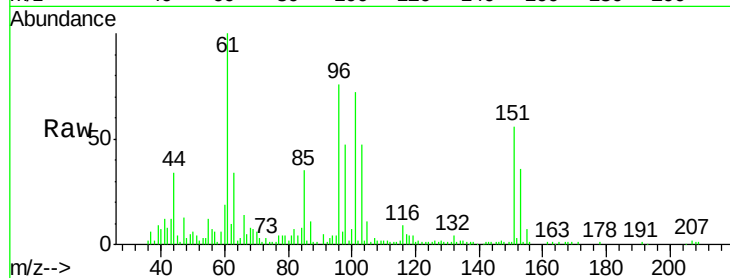
ClientSampled :

VSTDIC005

Tot Ion:	101	Resp:	16151
Ion Ratio	Lower	Upper	
101	100		
85	40.0	0.0	85.4
151	80.2	0.0	157.6

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#10

1,1-Dichloroethene

Concen: 6.027 ug/l

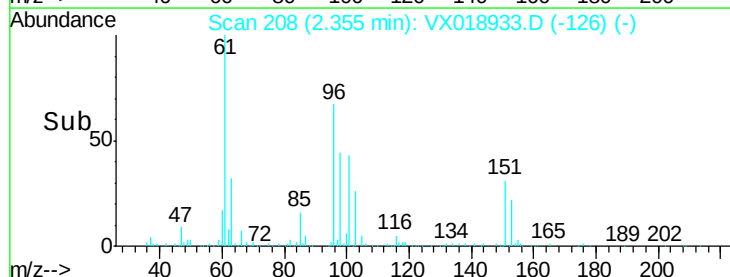
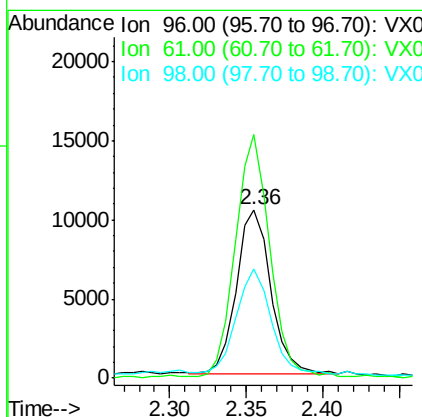
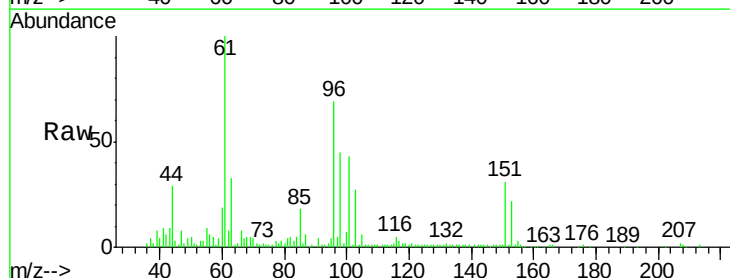
RT: 2.36 min Scan# 208

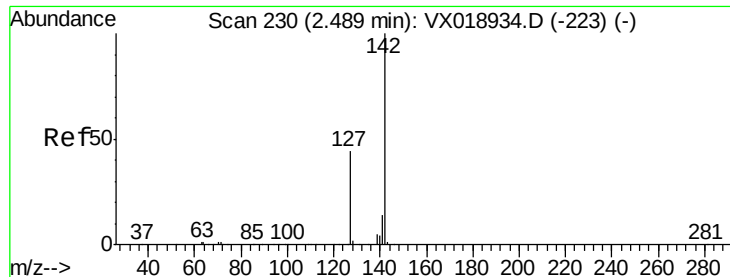
Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Tgt Ion:	96	Resp:	16259
Ion Ratio	Lower	Upper	
96	100		
61	147.0	120.2	180.4
98	64.2	51.4	77.0





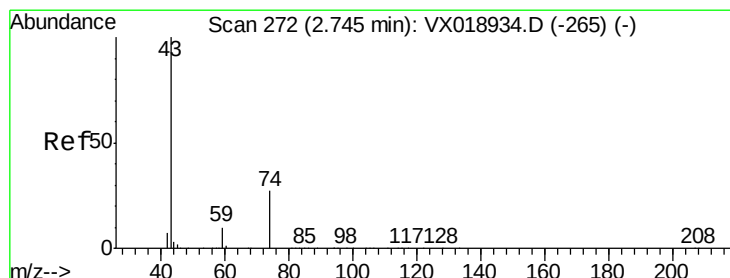
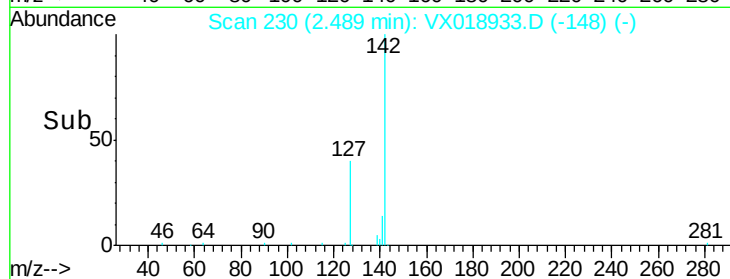
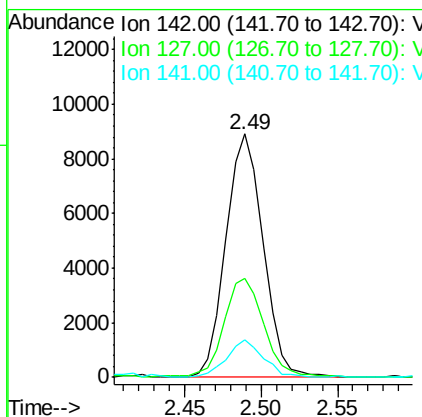
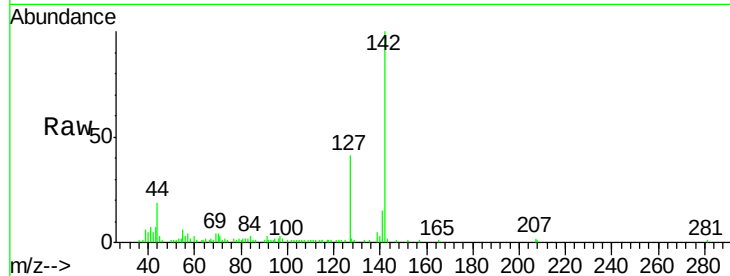
#11
Methvl Iodide
Concen: 4.997 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.2	22.1	66.1
141	14.8	7.0	21.1

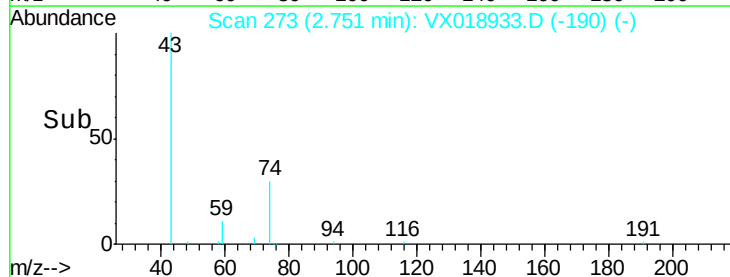
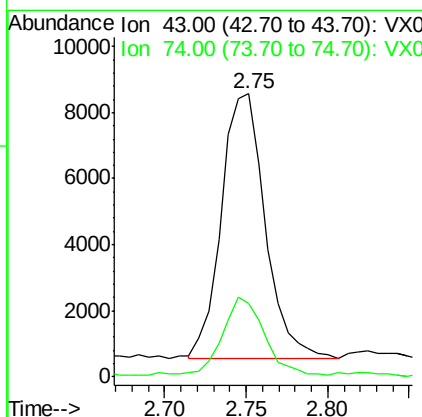
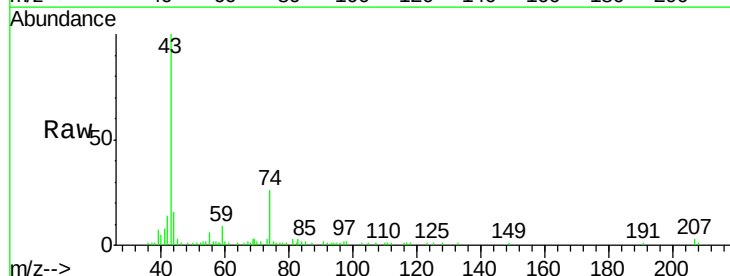
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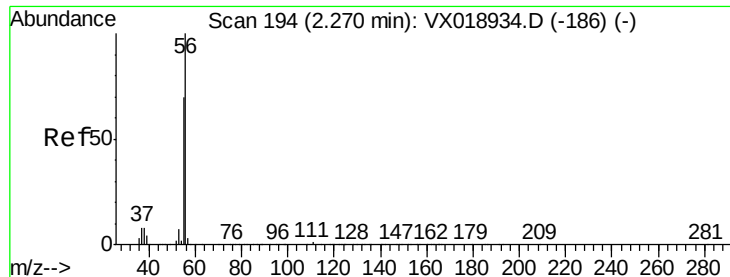
apatel
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#12
Methyl Acetate
Concen: 4.434 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	21.6	32.4





#13

Acrolein

Concen: 44.886 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 14736

Ion Ratio Lower Upper

56 100

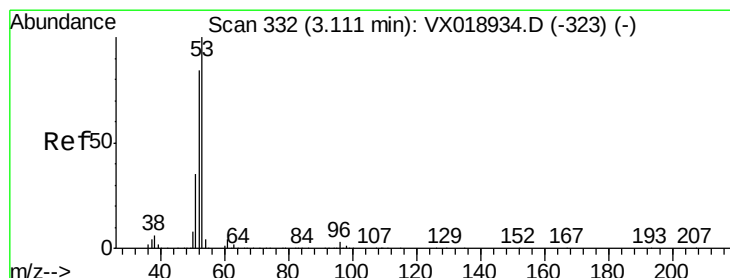
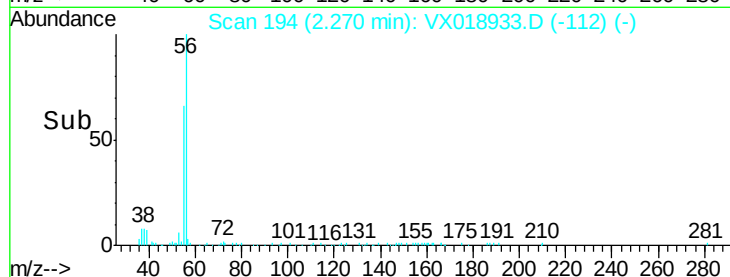
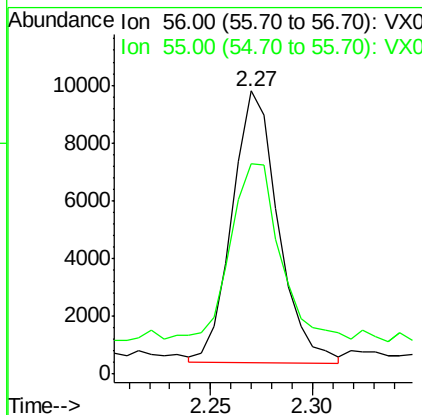
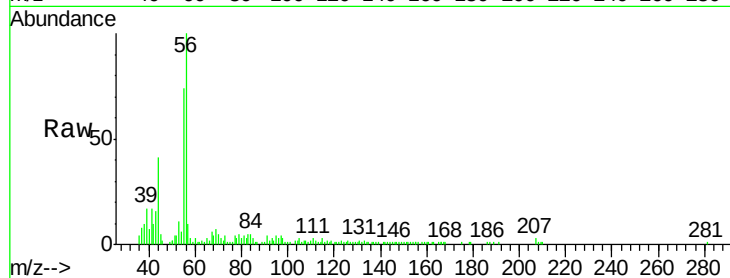
55 68.9 57.1 85.7

Manual Integrations

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#14

Acrylonitrile

Concen: 22.925 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

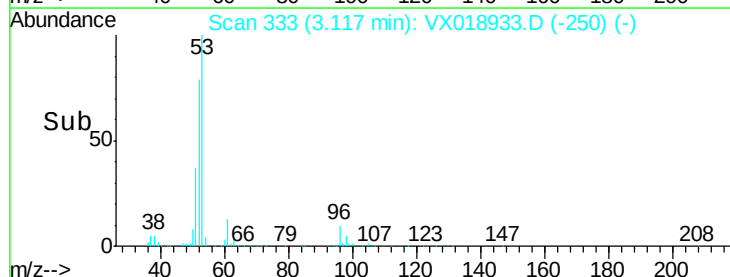
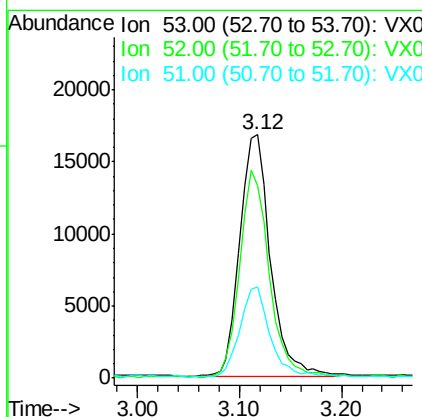
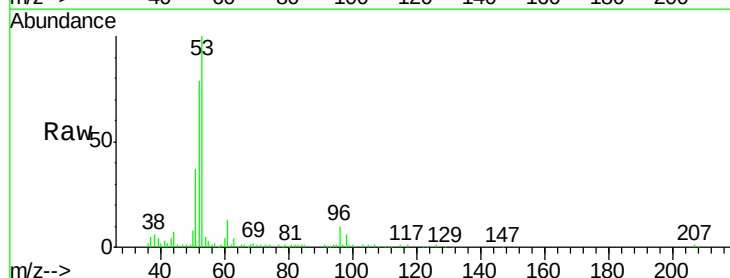
Tgt Ion: 53 Resp: 35140

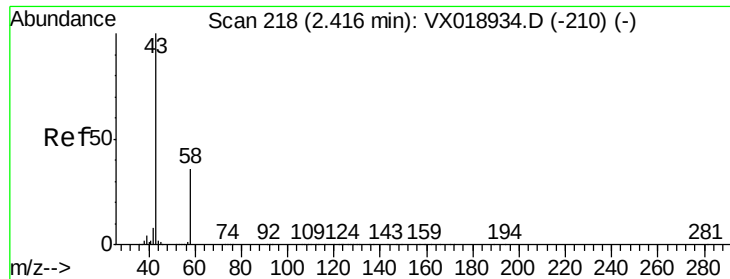
Ion Ratio Lower Upper

53 100

52 81.4 40.3 120.8

51 36.0 17.6 52.8





#15

Acetone

Concen: 29.259 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 58 Resp: 12939

Ion Ratio Lower Upper

58 100

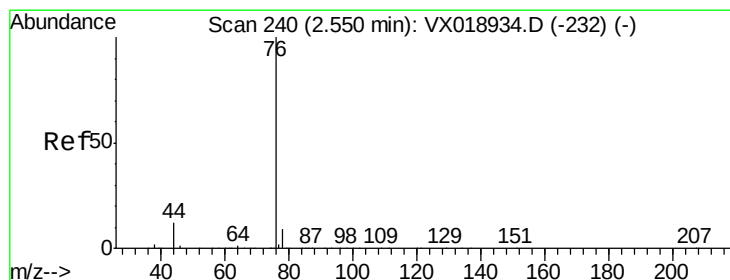
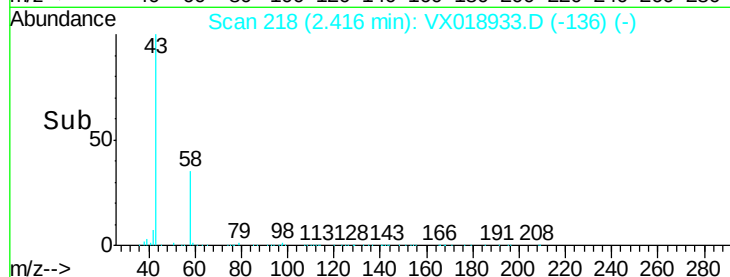
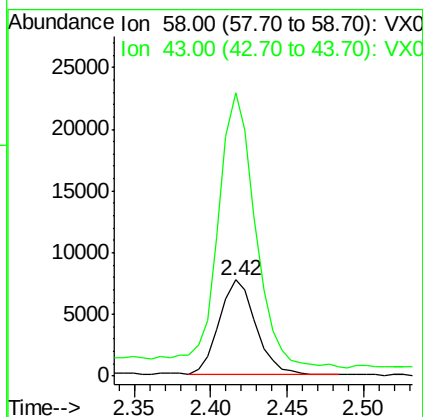
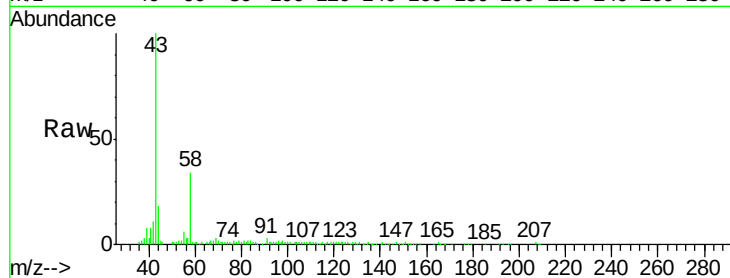
43 287.0 223.8 335.8

Manual Integrations

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#16

Carbon Disulfide

Concen: 5.181 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018933.D

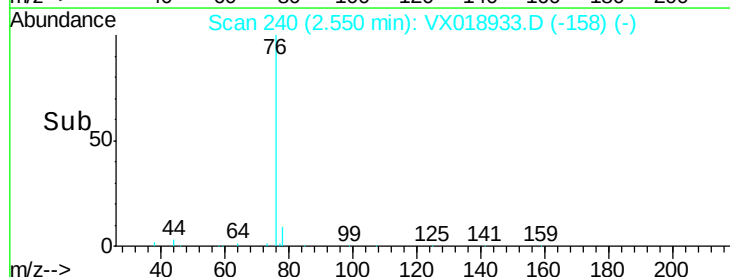
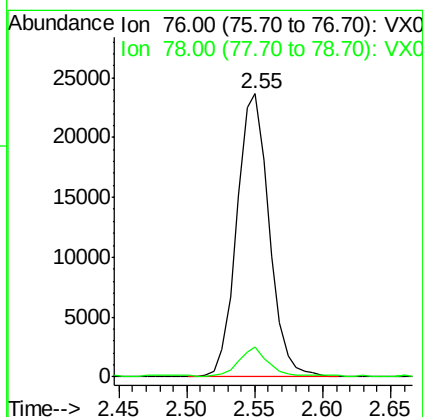
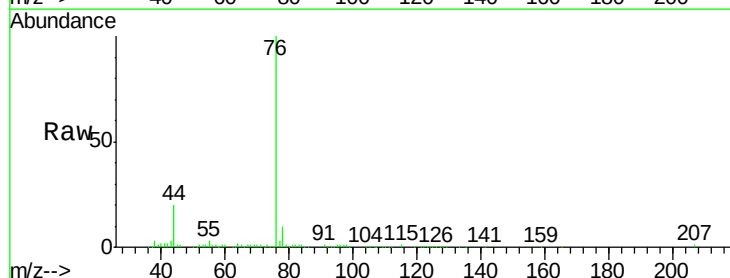
Acq: 15 Oct 2020 13:29

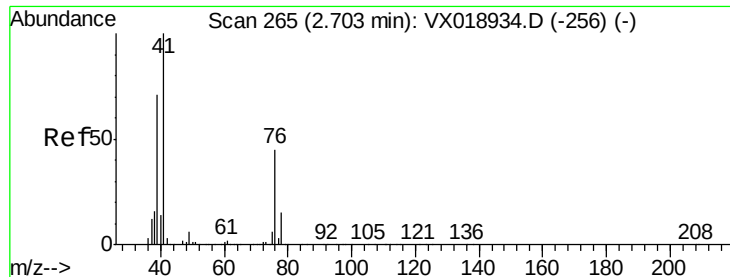
Tgt Ion: 76 Resp: 39307

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.2





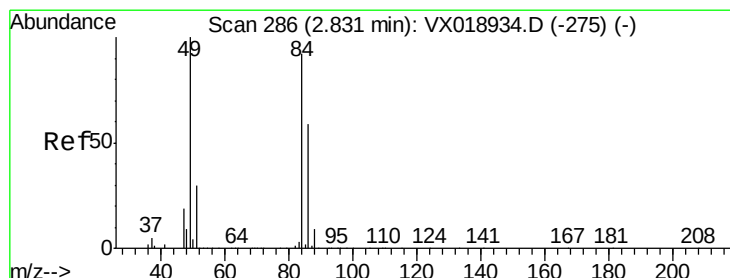
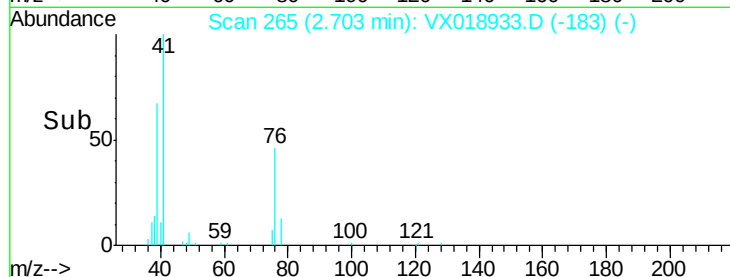
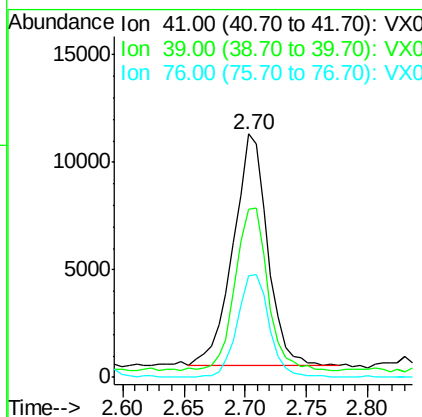
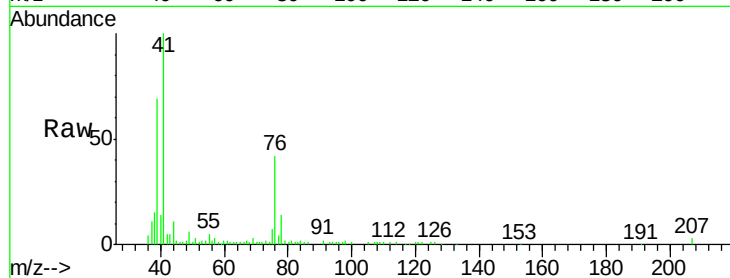
#17
Allvl chloride
Concen: 4.602 ug/l
RT: 2.70 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	41	Resp	20978
Ion	Ratio	Lower	Upper
41	100		
39	69.3	35.4	106.3
76	44.0	22.4	67.2

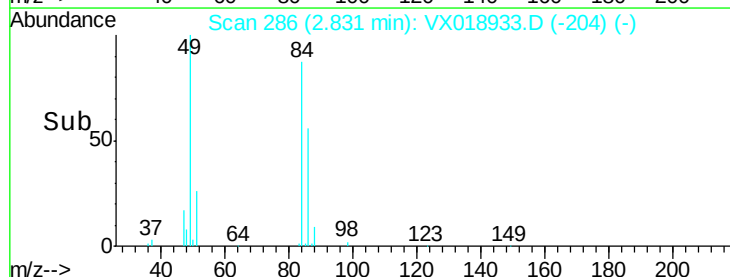
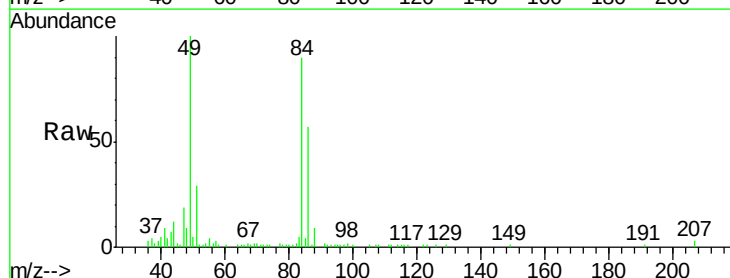
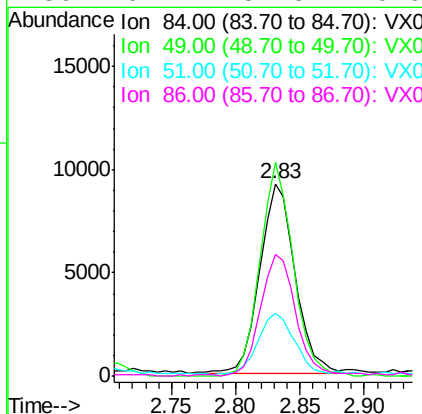
Manual Integrations
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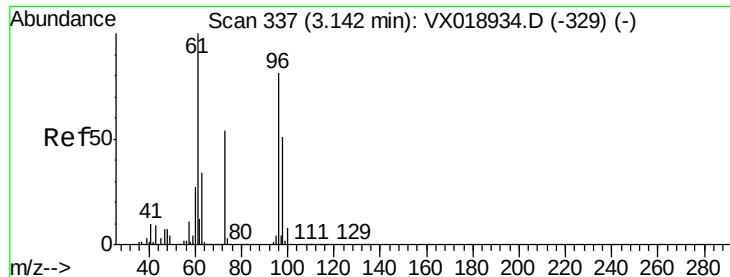
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#18
Methylene Chloride
Concen: 5.667 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion	84	Resp	17376
Ion	Ratio	Lower	Upper
84	100		
49	112.9	87.2	130.8
51	31.9	25.9	38.9
86	64.4	51.3	76.9





#19

trans-1,2-Dichloroethene

Concen: 5.532 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 96 Resp: 16286

Ion Ratio Lower Upper

96 100

61 116.0 98.6 147.8

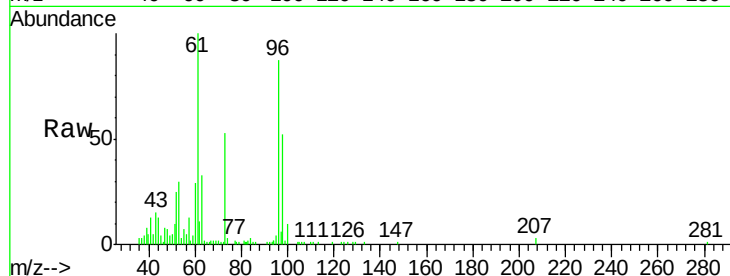
98 58.1 50.3 75.5

Manual Integrations

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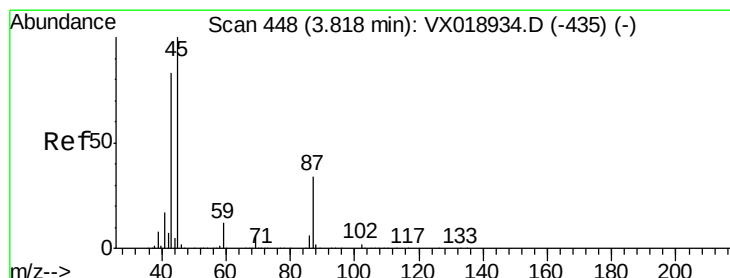
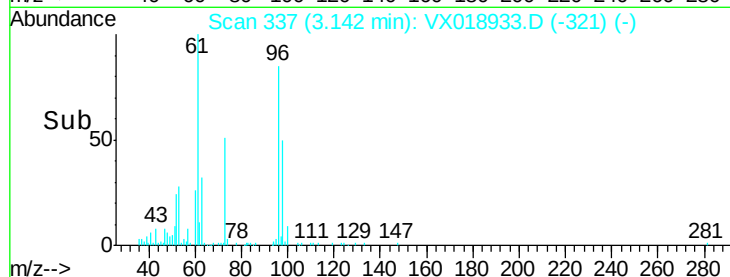
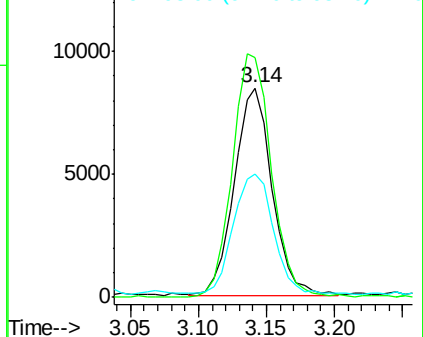
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Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 4.264 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Tgt Ion: 45 Resp: 37881

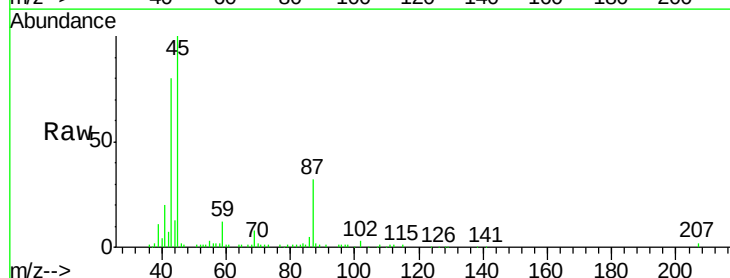
Ion Ratio Lower Upper

45 100

43 74.3 69.7 104.5

87 32.5 26.9 40.3

59 12.0 9.9 14.9

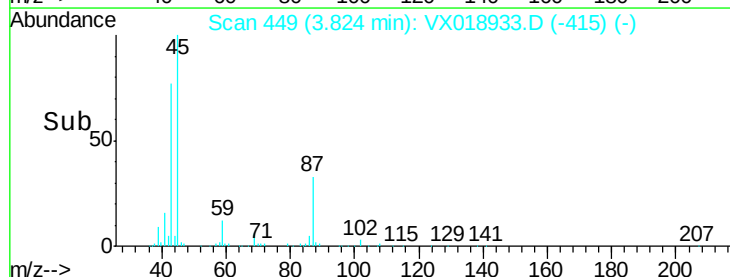
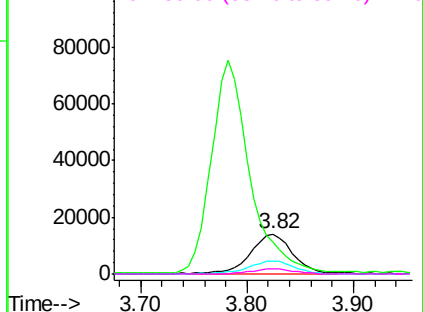


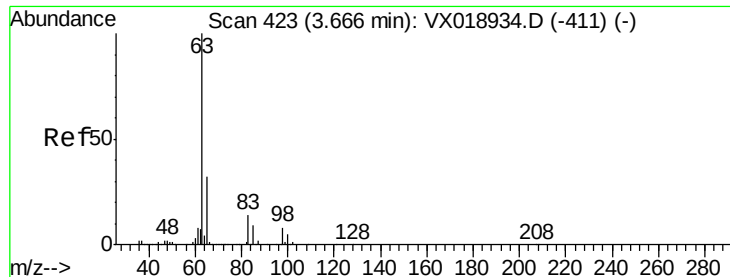
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





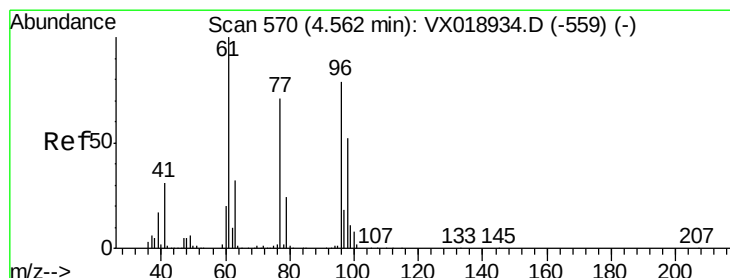
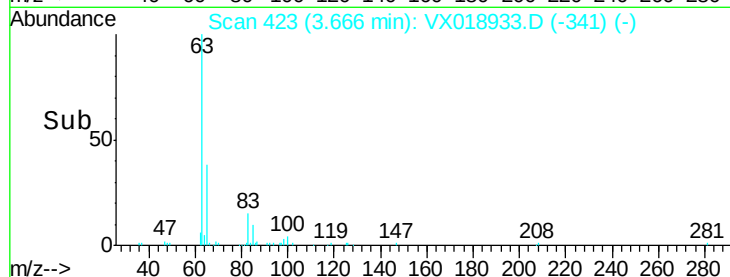
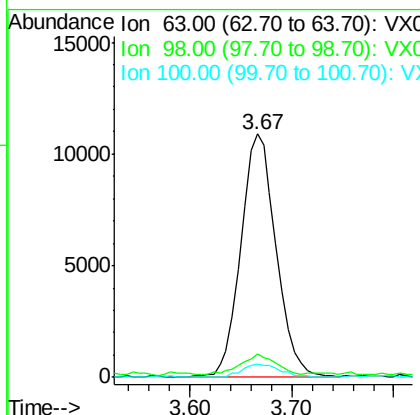
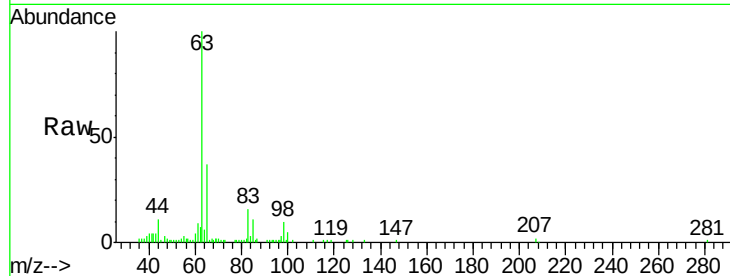
#21
1,1-Dichloroethane
Concen: 4.972 ug/l
RT: 3.67 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
63	100	26125		
98	8.5		4.0	11.9
100	5.3		2.5	7.6

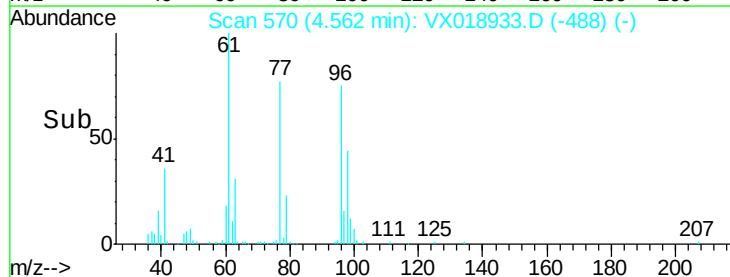
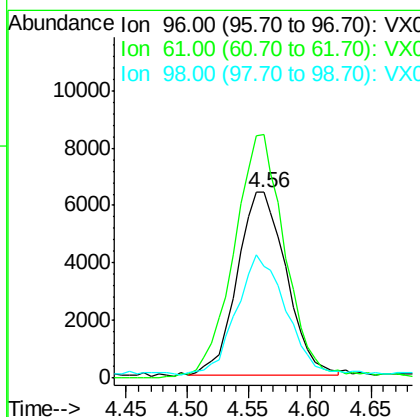
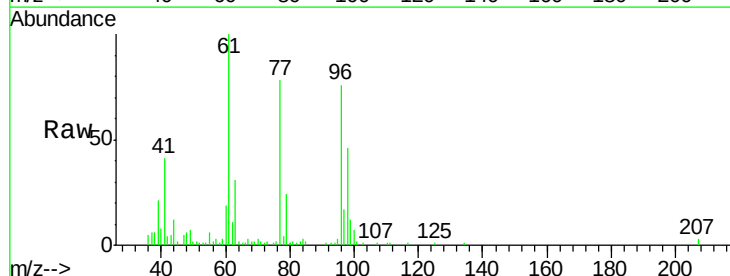
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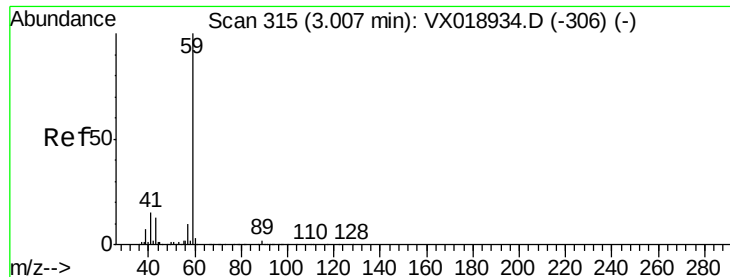
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#22
cis-1,2-Dichloroethene
Concen: 5.429 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	17661		
61	138.1		107.7	161.5
98	66.2		51.9	77.9





#23

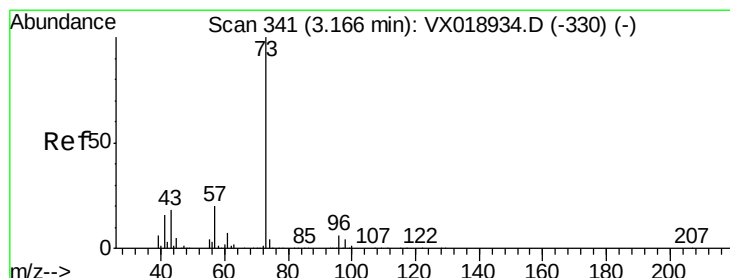
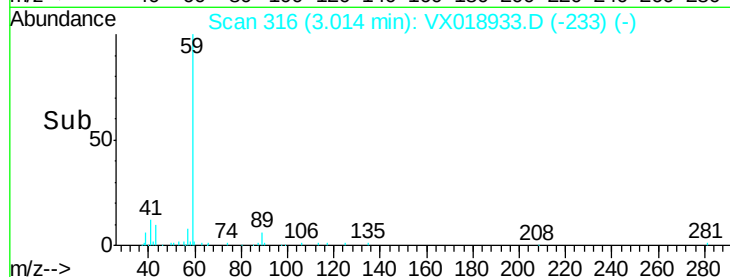
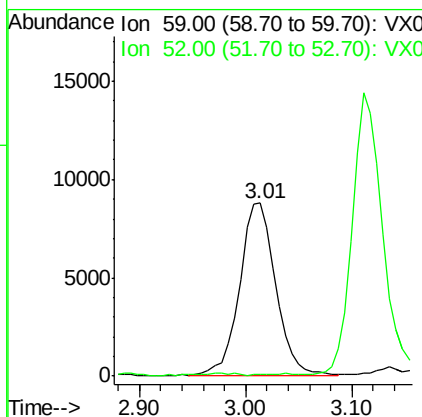
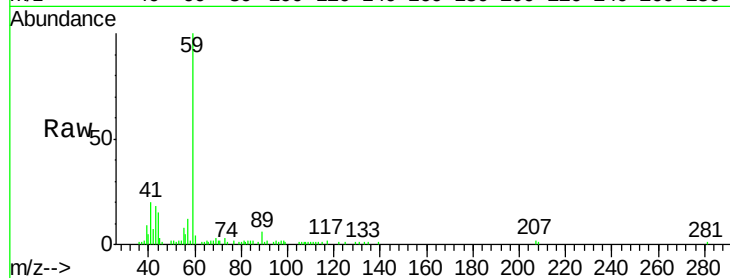
tert-Butyl Alcohol
 Concen: 29.963 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.2	0.2#

Manual Integrations
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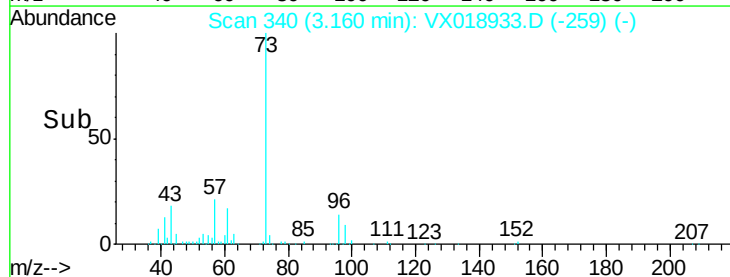
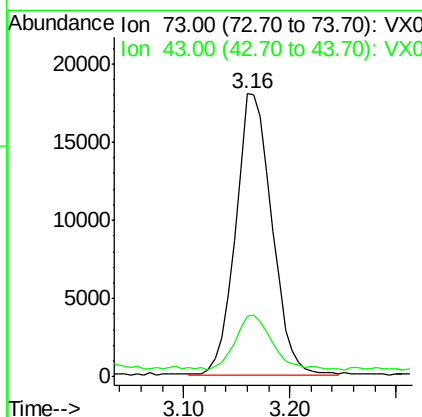
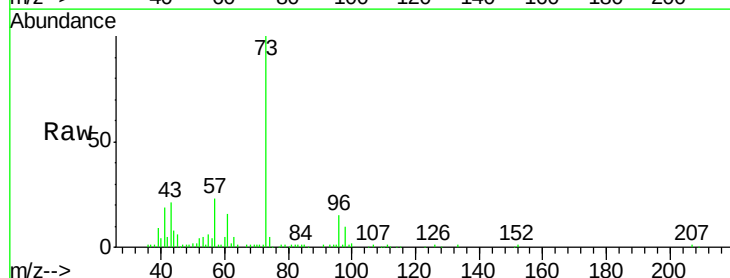
apatel
 10/16/2020 2:11:28 PM

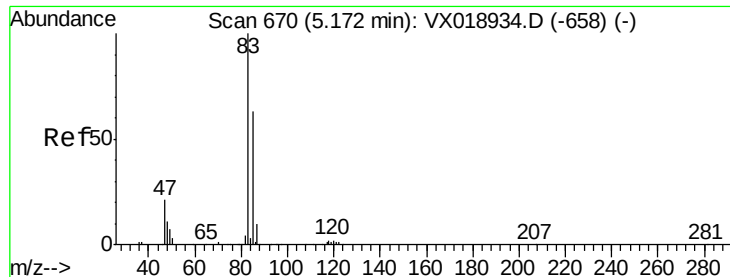


#24

Methyl tert-Butyl Ether
 Concen: 4.678 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Lower	Upper
73	100		
43	19.8	13.8	20.8





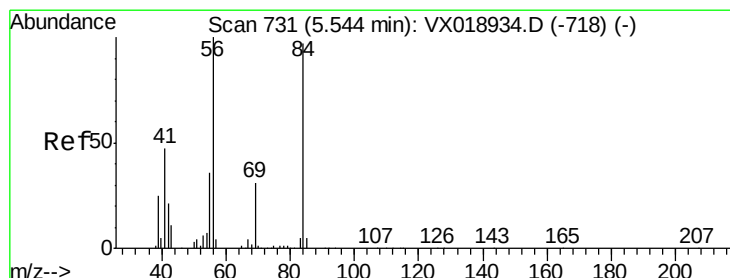
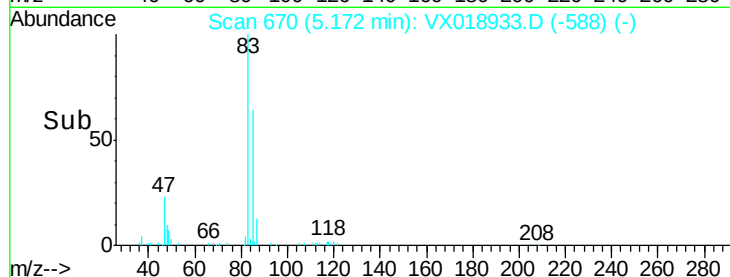
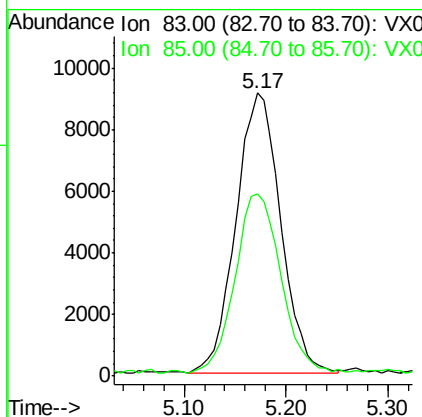
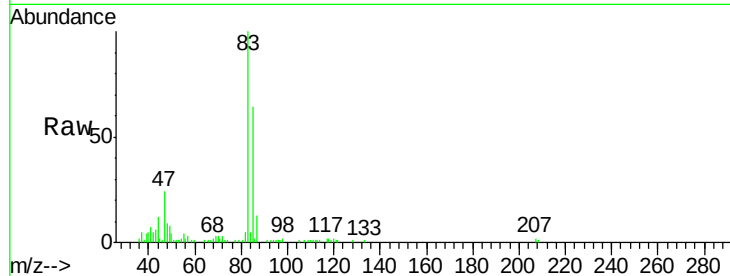
#25
Chloroform
Concen: 4.936 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	27667
Ion Ratio	100	Lower	Upper
83	100		
85	63.6	50.3	75.5

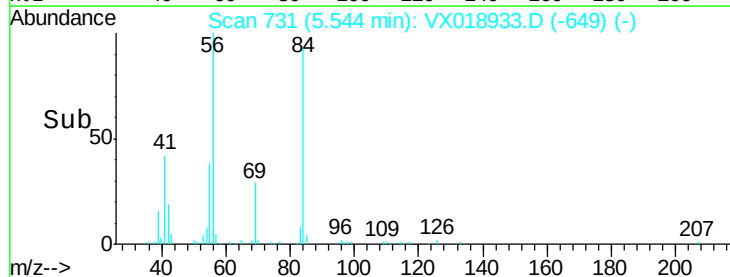
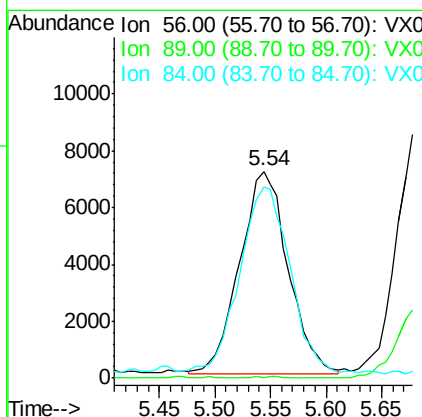
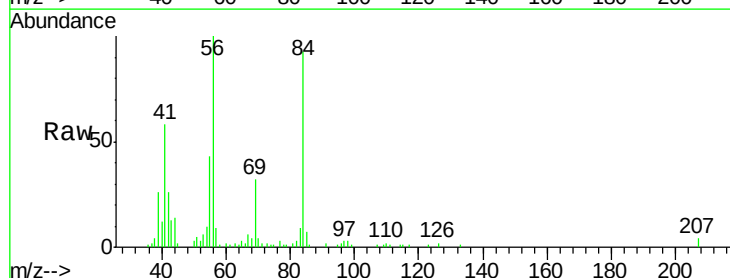
Manual Integrations
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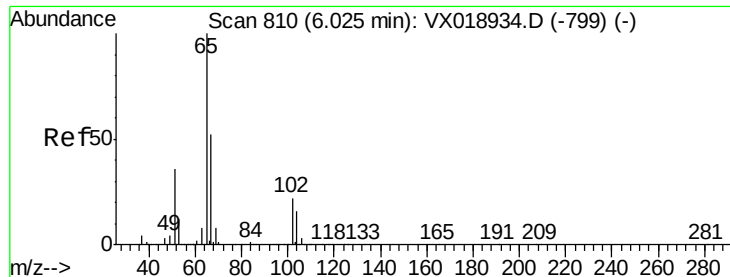
apatel
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#26
Cyclohexane
Concen: 5.071 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion	56	Resp	21673
Ion Ratio	100	Lower	Upper
56	100		
89	0.1	0.0	0.0#
84	93.9	78.0	117.0





#27

1,2-Dichloroethane-d4

Concen: 25.933 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 102368

Ion Ratio Lower Upper

65 100

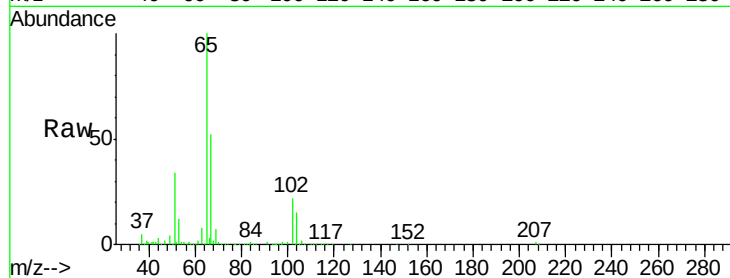
67 52.1 42.1 63.1

Manual Integrations

APPROVED

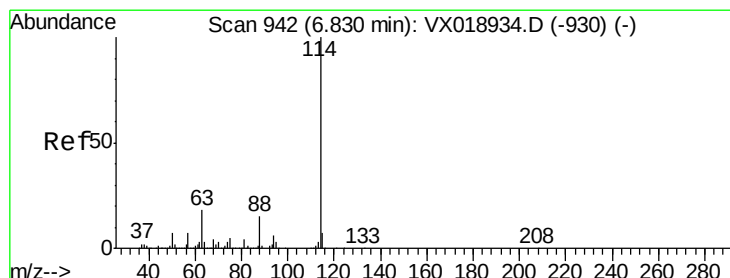
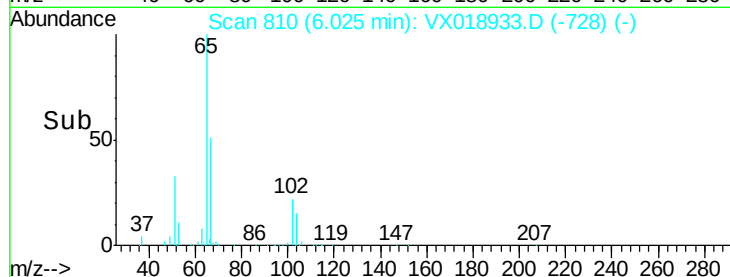
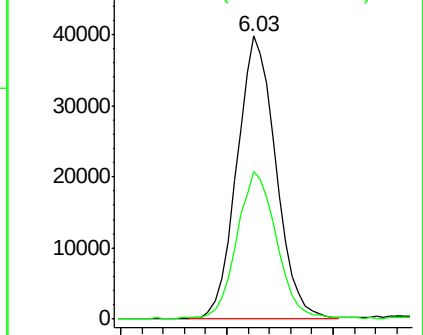
apatel

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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: VX018933.D

Acq: 15 Oct 2020 13:29

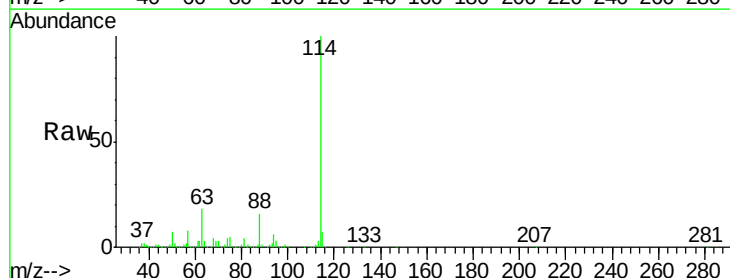
Tgt Ion: 114 Resp: 291385

Ion Ratio Lower Upper

114 100

63 18.9 14.6 21.8

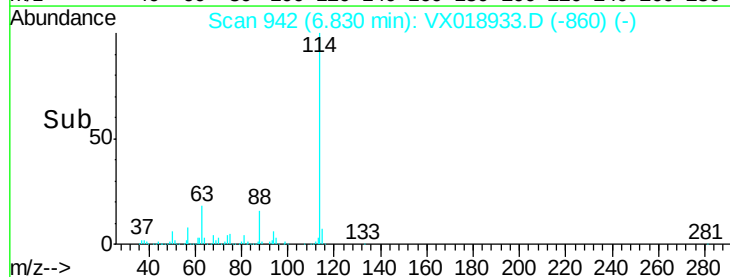
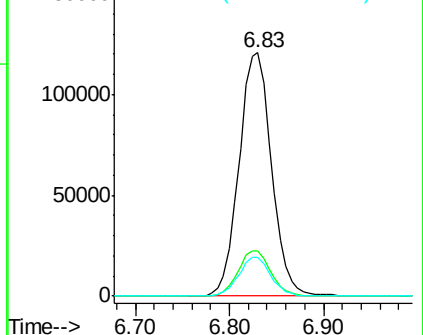
88 15.8 12.3 18.5

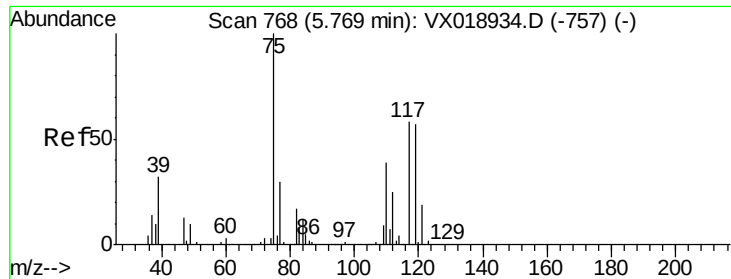


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





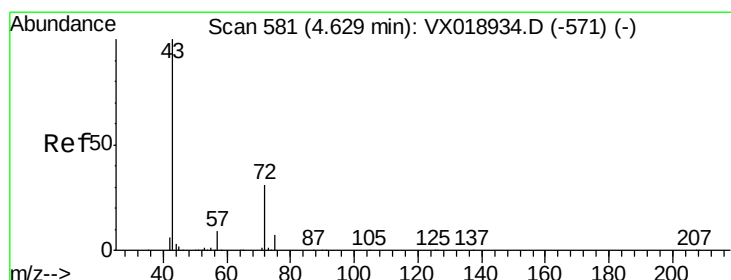
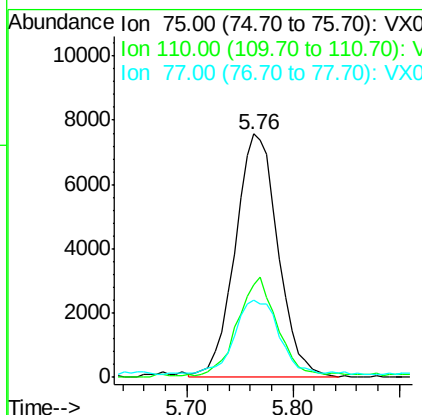
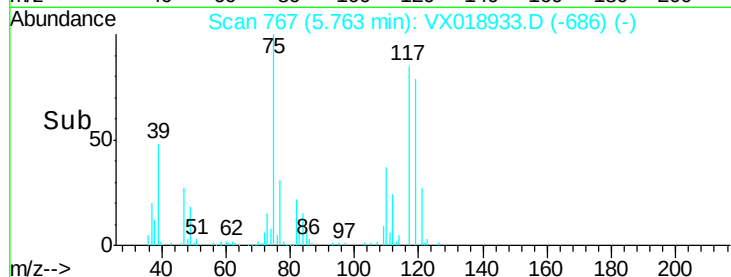
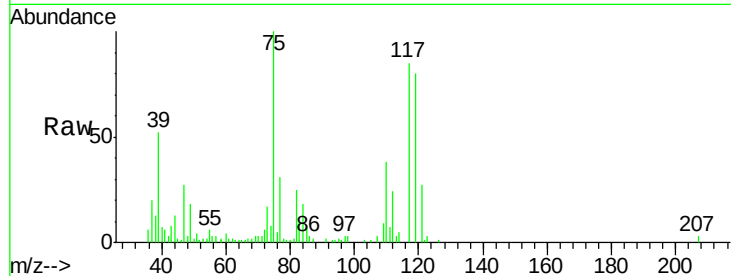
#29
 1,1-Dichloropropene
 Concen: 4.860 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.6	0.0	79.2
77	30.8	0.0	62.6

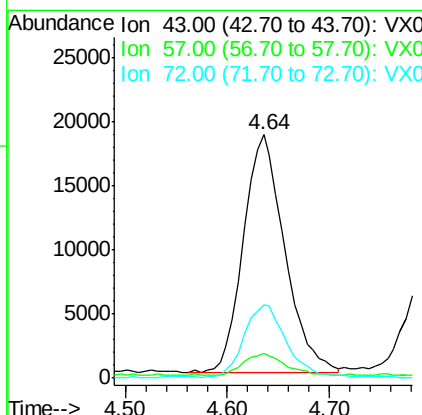
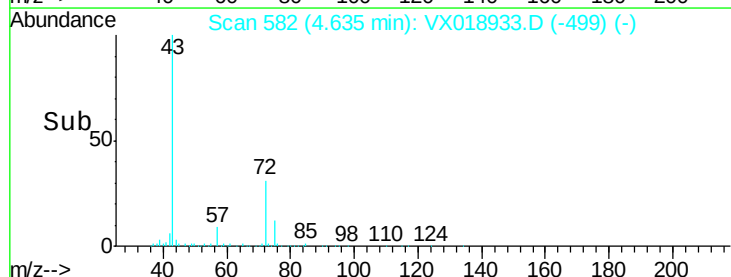
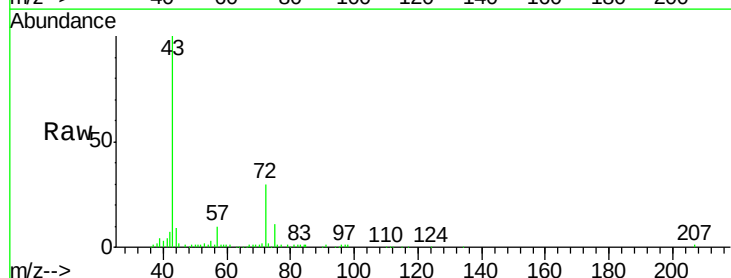
Manual Integrations
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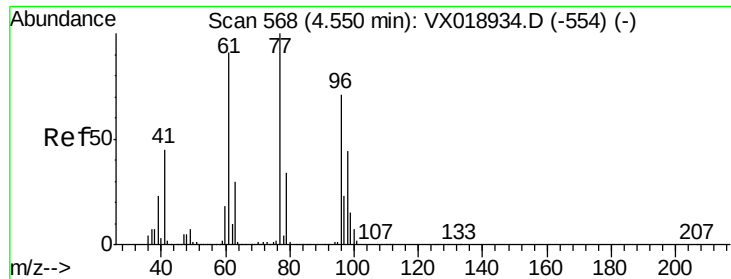
apatel
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#30
 2-Butanone
 Concen: 22.260 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.8	7.0	10.6
72	30.7	25.6	38.4





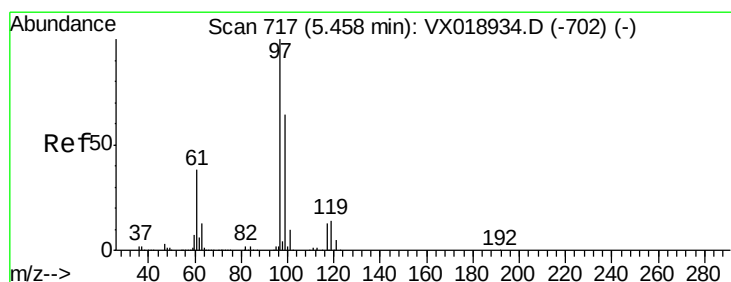
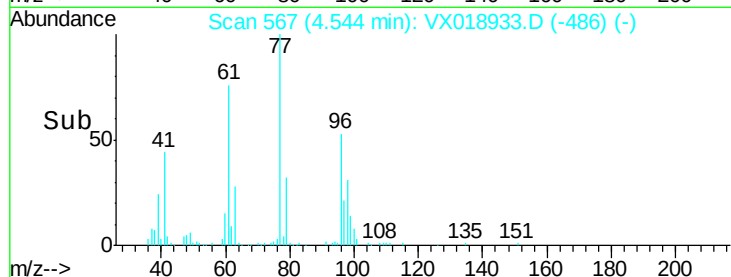
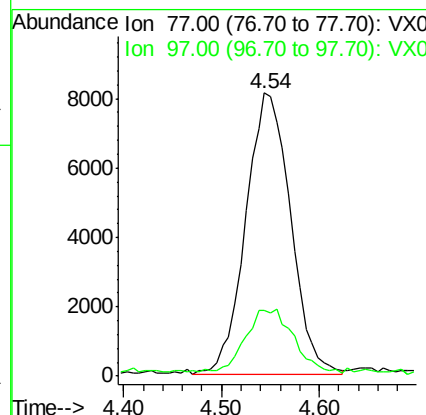
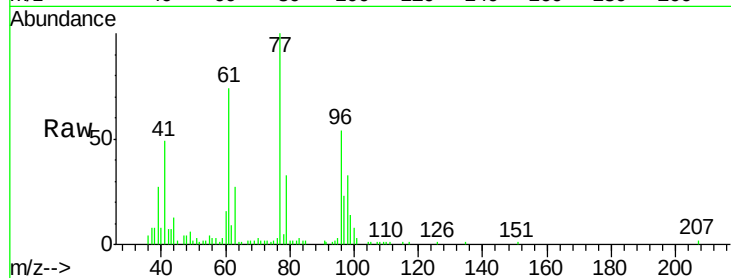
#31
 2,2-Dichloropropane
 Concen: 4.848 ug/l
 RT: 4.54 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 77 Resp: 25656
 Ion Ratio Lower Upper
 77 100
 97 12.6 19.0 28.6#

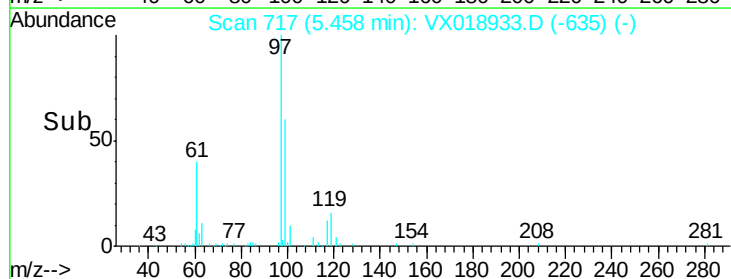
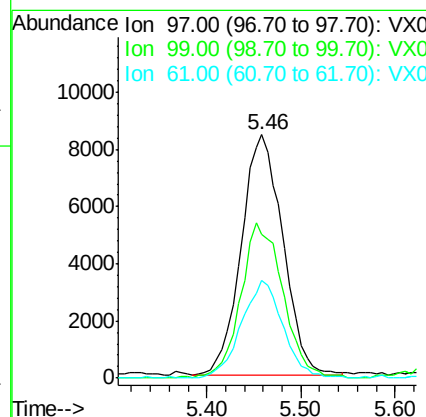
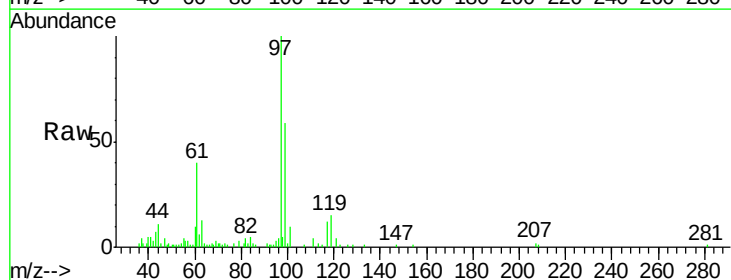
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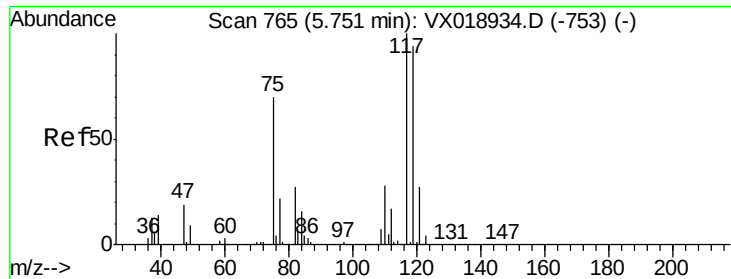
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#32
 1,1,1-Trichloroethane
 Concen: 4.584 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Tgt Ion: 97 Resp: 25964
 Ion Ratio Lower Upper
 97 100
 99 65.5 52.6 78.8
 61 40.4 31.5 47.3





#33

Carbon Tetrachloride

Concen: 4.533 ug/l

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

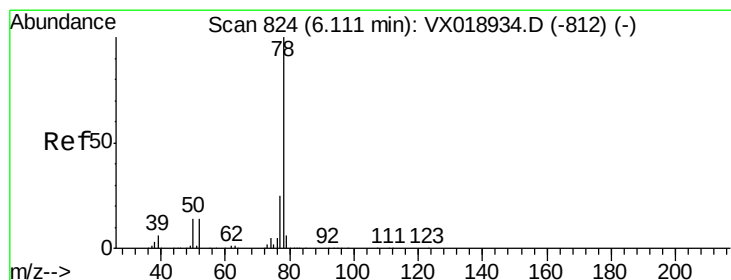
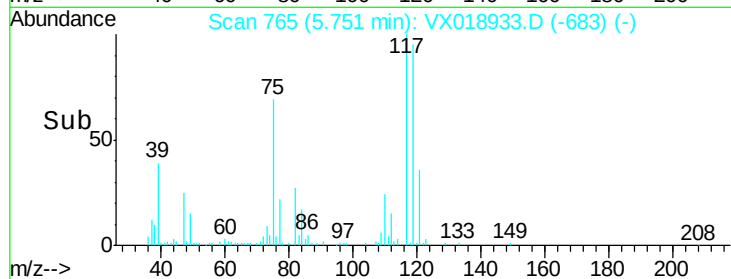
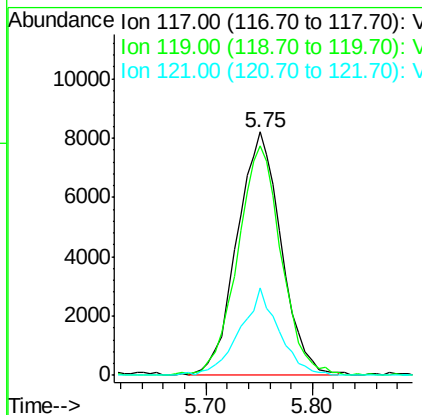
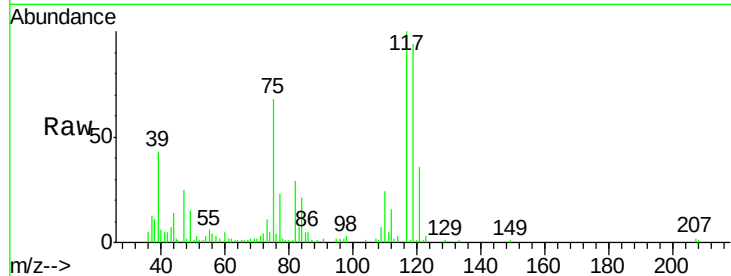
ClientSampleId :

VSTDIC005

Tot Ion:	117	Resp:	23820
Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.0	112.4
121	35.7	21.8	32.8#

Manual Integrations
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#34

Benzene

Concen: 4.992 ug/l

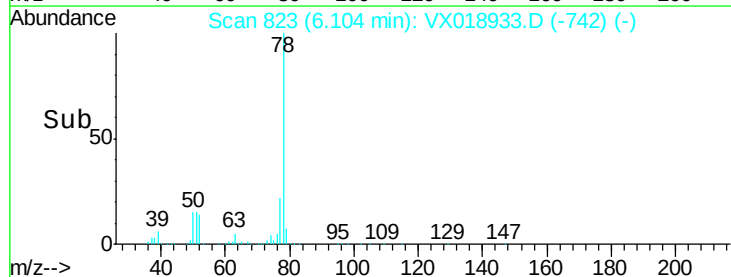
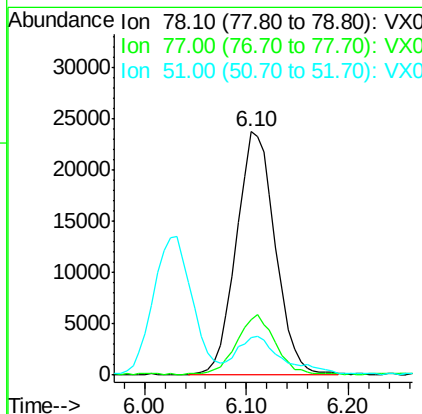
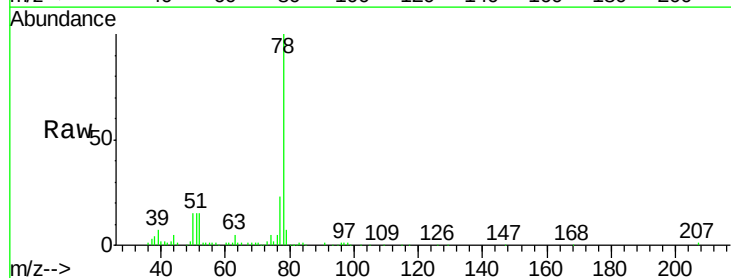
RT: 6.10 min Scan# 823

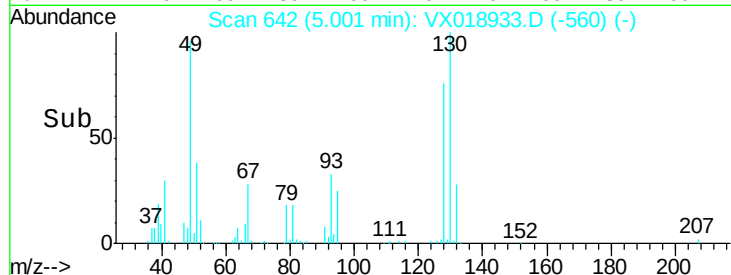
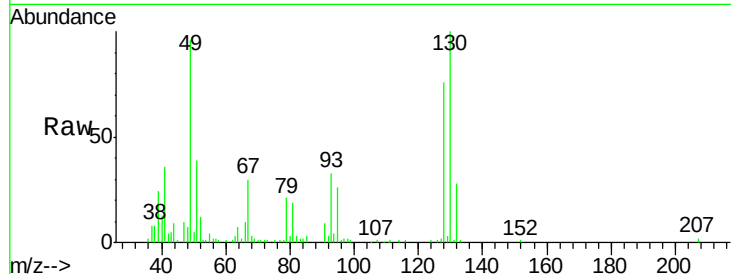
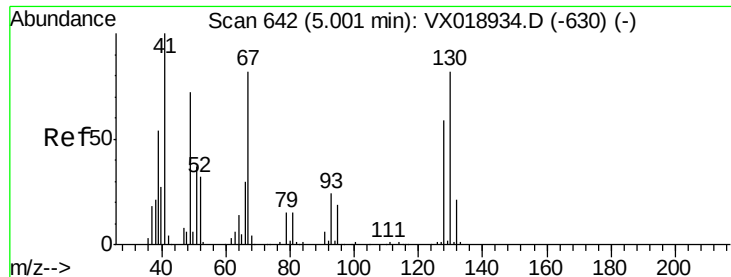
Delta R.T. -0.01 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Tgt Ion:	78	Resp:	62861
Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.7	29.5
51	14.7	12.0	18.0





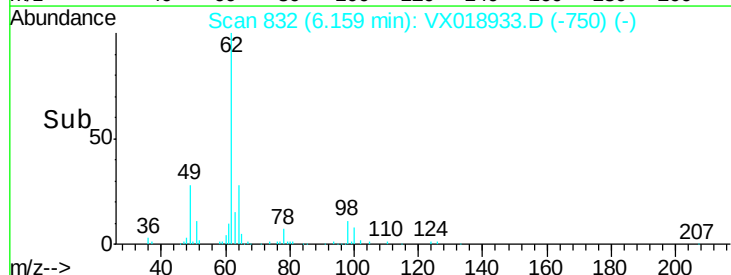
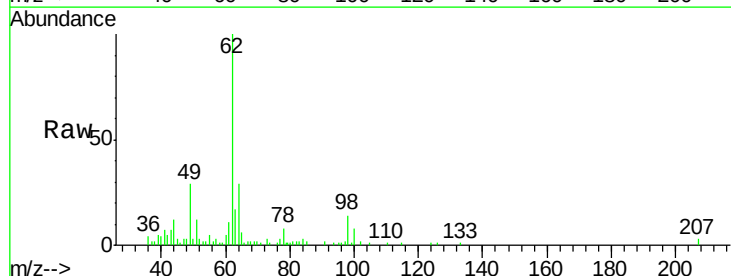
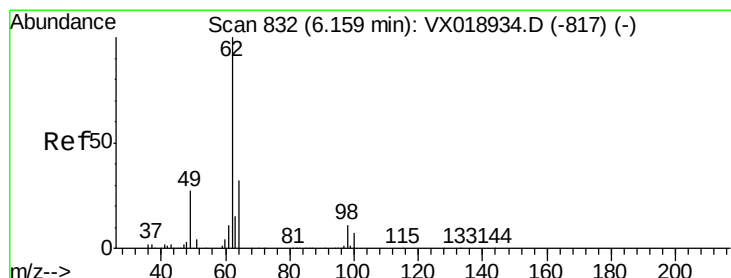
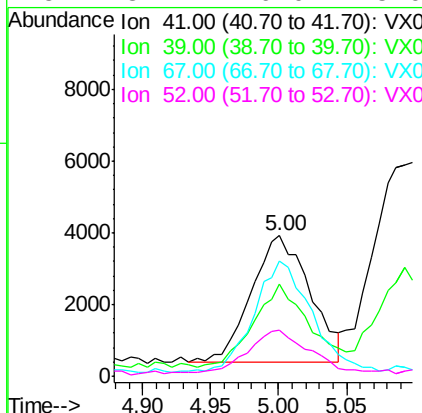
#35
Methacrylonitrile
Concen: 4.221 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tot Ion	41	Resp	10536
Ion Ratio	100	Lower	Upper
41	100		
39	64.8	27.0	81.0
67	88.1	41.1	123.3
52	34.2	16.0	48.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

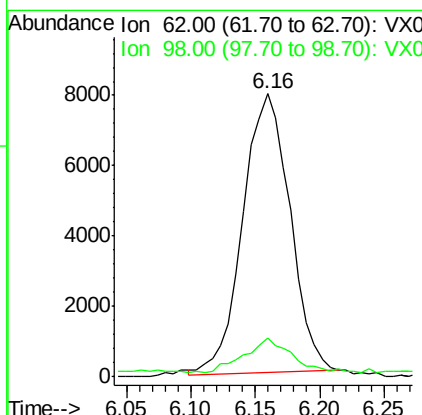
Manual Integrations
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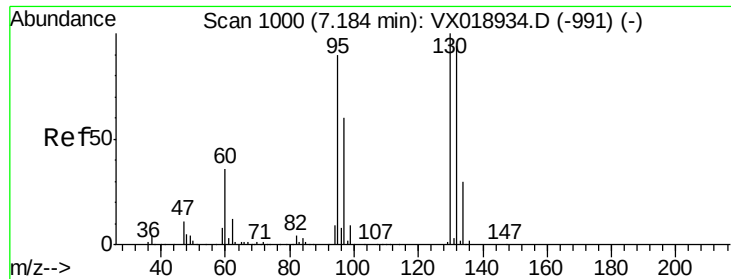
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#36
1,2-Dichloroethane
Concen: 4.002 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion	62	Resp	20153
Ion Ratio	100	Lower	Upper
62	100		
98	12.0	8.9	13.3





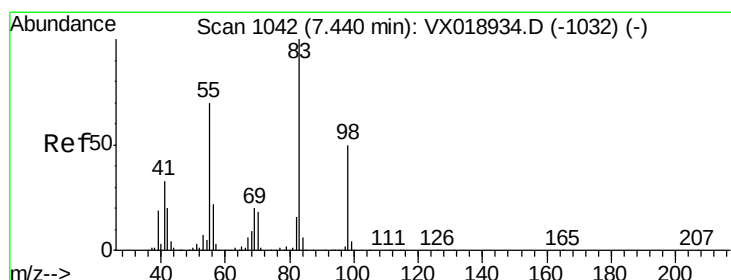
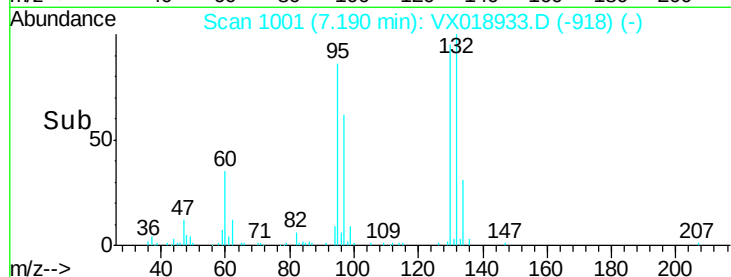
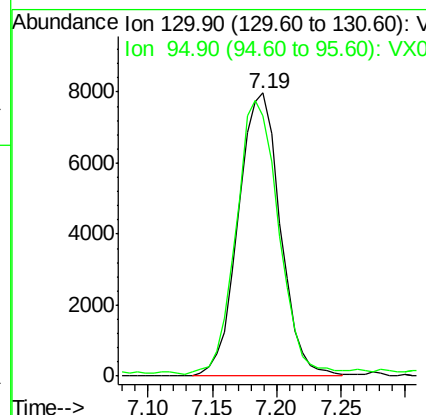
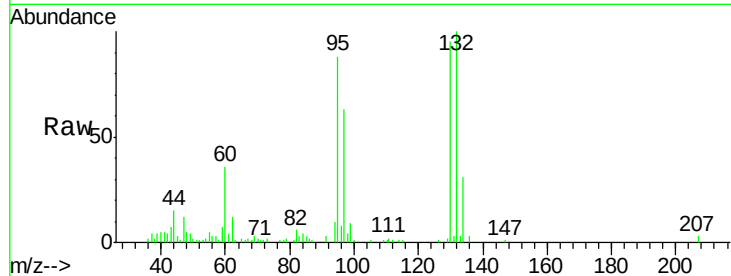
#37
 Trichloroethene
 Concen: 4.914 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:130 Resp: 18053
 Ion Ratio Lower Upper
 130 100
 95 90.5 71.8 107.6

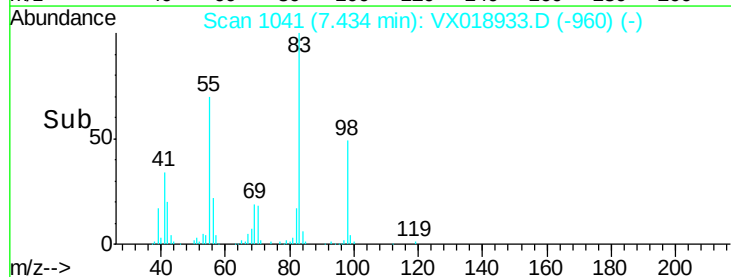
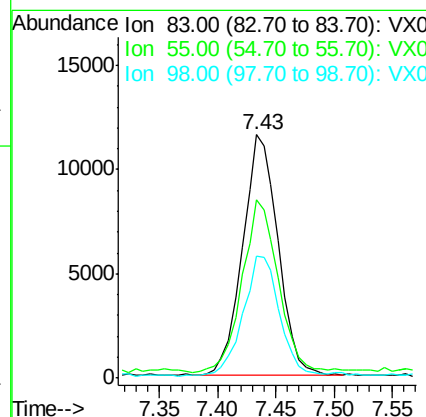
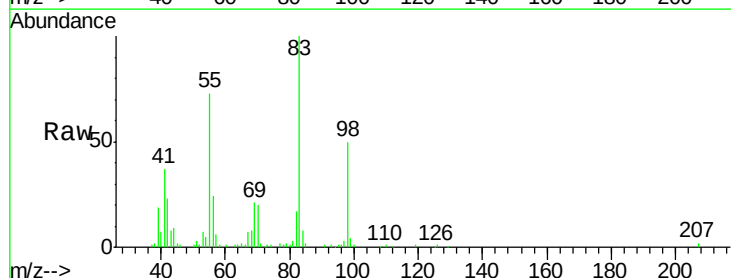
Manual Integrations
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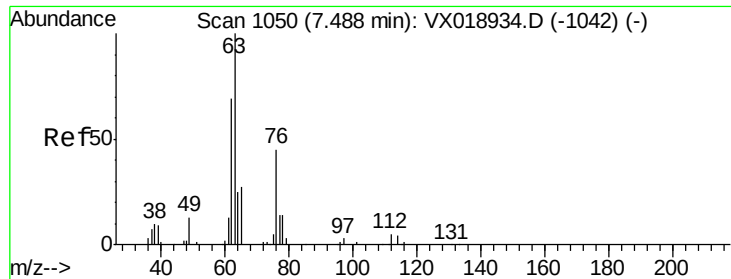
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#38
 Methylcyclohexane
 Concen: 5.117 ug/l
 RT: 7.43 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Tgt Ion: 83 Resp: 24526
 Ion Ratio Lower Upper
 83 100
 55 73.5 34.8 104.4
 98 50.7 25.8 77.4





#39

1,2-Dichloropropane

Concen: 4.630 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 15353

Ion Ratio Lower Upper

63 100

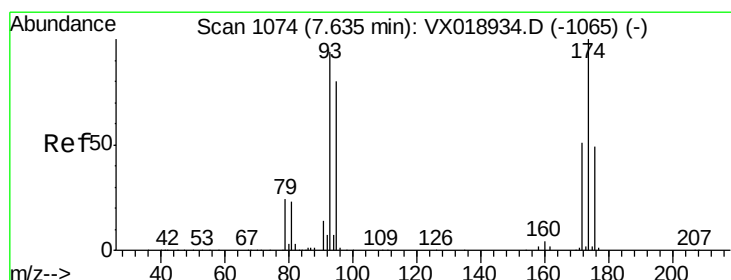
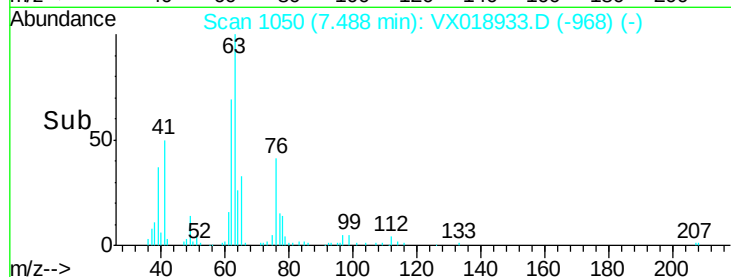
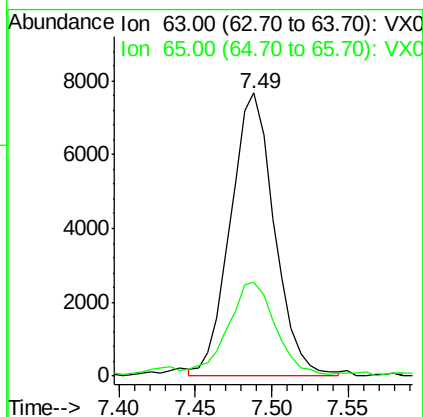
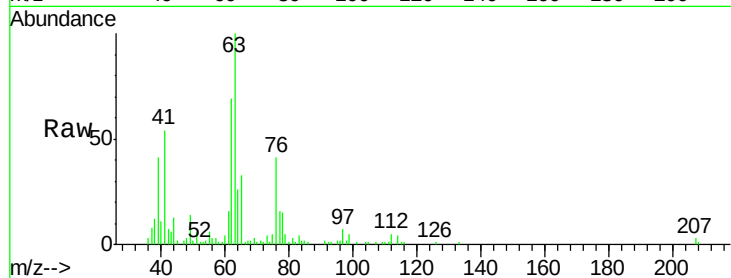
65 32.4 23.0 34.6

Manual Integrations

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#40

Dibromomethane

Concen: 4.648 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

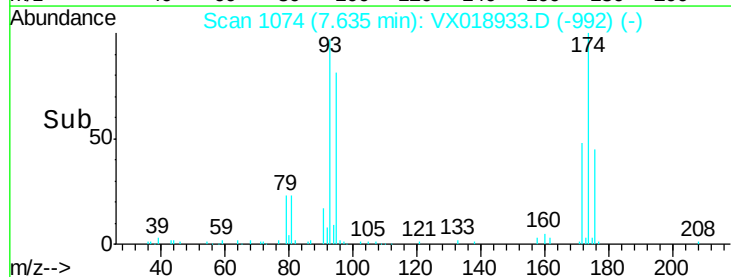
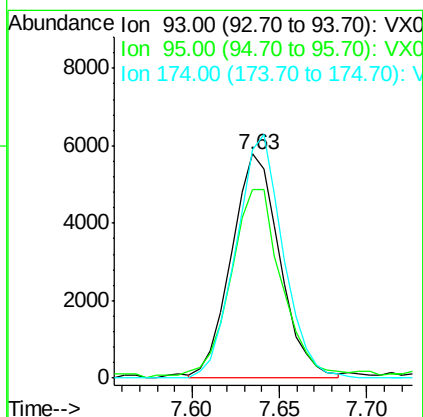
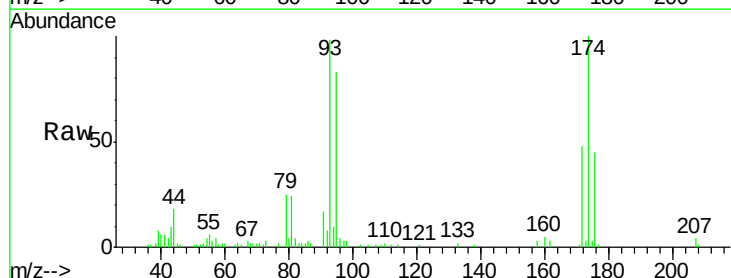
Tgt Ion: 93 Resp: 11183

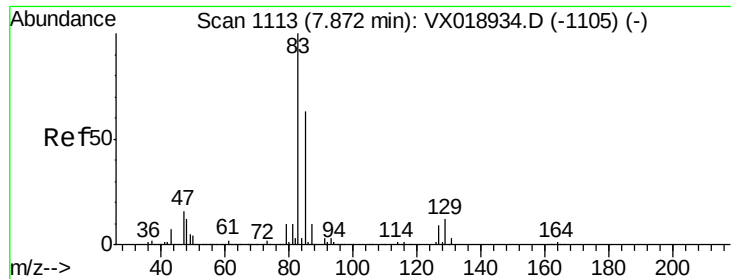
Ion Ratio Lower Upper

93 100

95 89.9 0.0 164.0

174 105.3 0.0 214.6





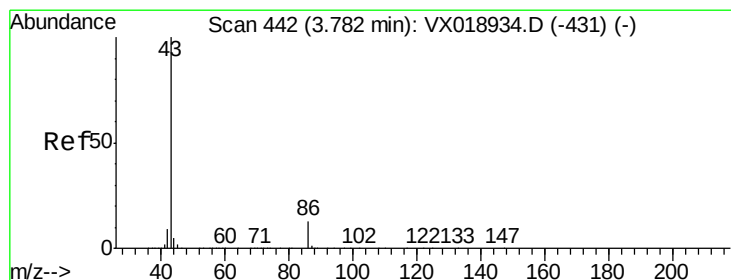
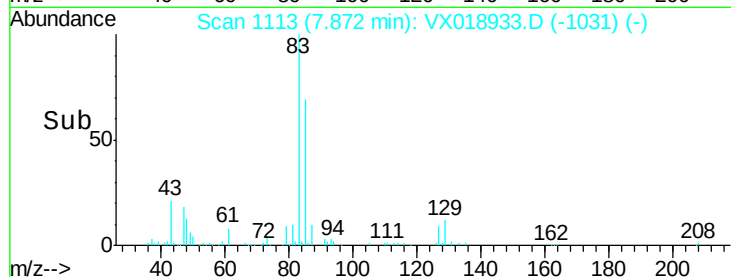
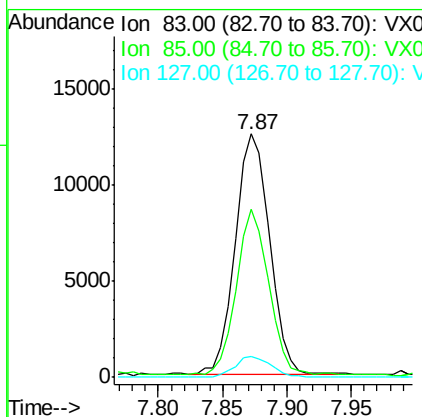
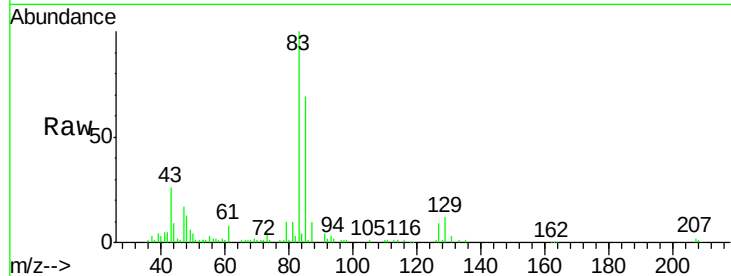
#41
Bromodichloromethane
Concen: 4.674 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	23295
Ion Ratio	100	Lower	Upper
83	100		
85	68.8	50.4	75.6
127	8.7	7.5	11.3

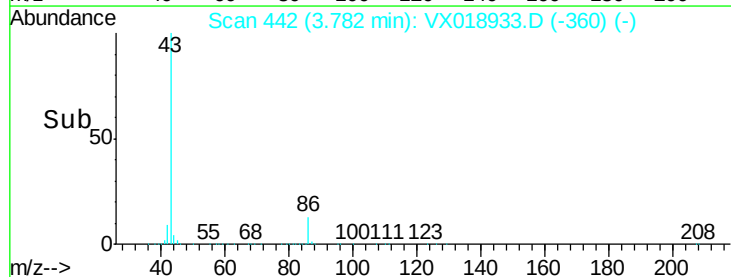
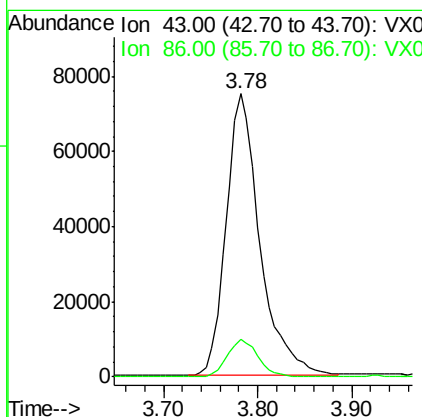
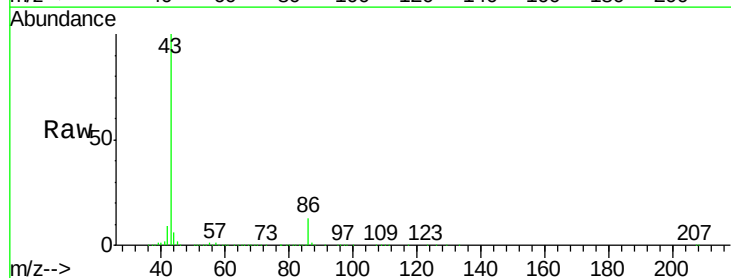
Manual Integrations
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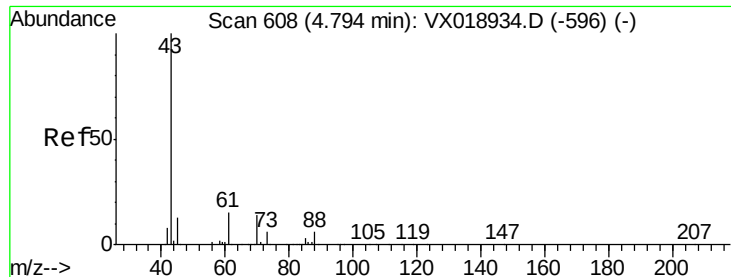
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#42
Vinyl Acetate
Concen: 21.267 ug/l
RT: 3.78 min Scan# 442
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion	43	Resp	186302
Ion Ratio	100	Lower	Upper
43	100		
86	12.2	9.8	14.8





#43

Ethyl Acetate

Concen: 5.205 ug/l m

RT: 4.79 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 24498

Ion Ratio Lower Upper

43 100

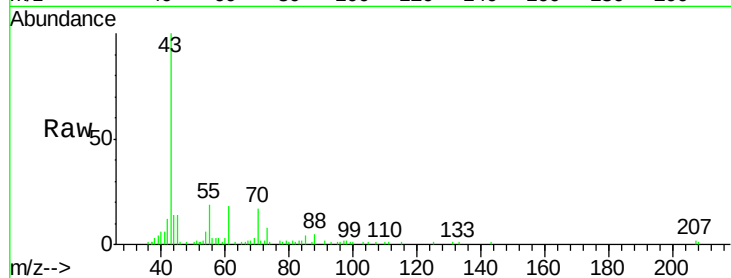
45 0.2 11.5 17.3#

Manual Integrations

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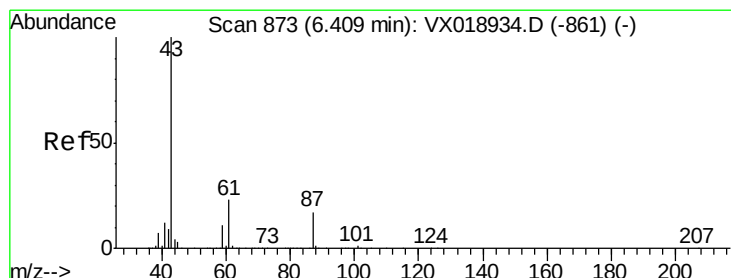
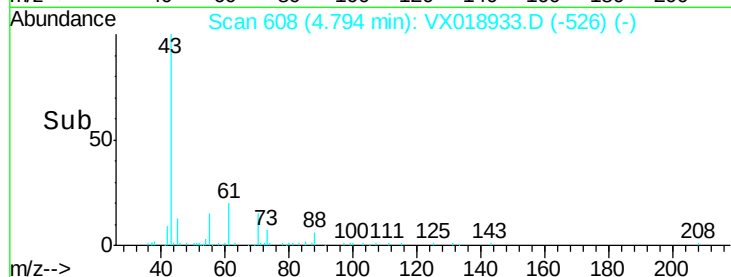
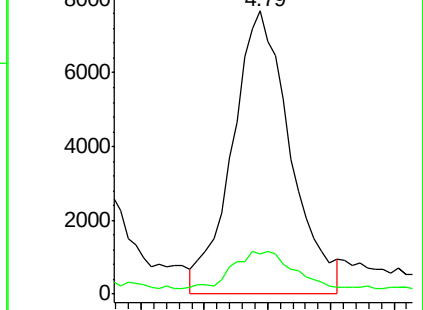
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 4.699 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX018933.D

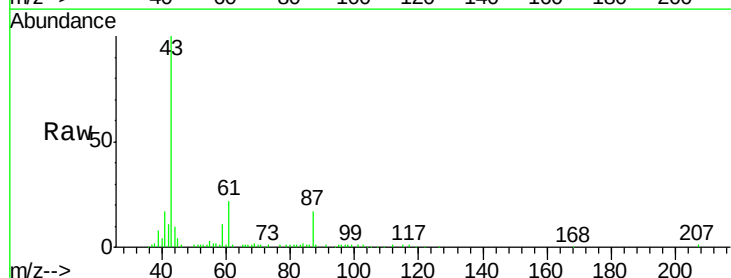
Acq: 15 Oct 2020 13:29

Tgt Ion: 43 Resp: 36027

Ion Ratio Lower Upper

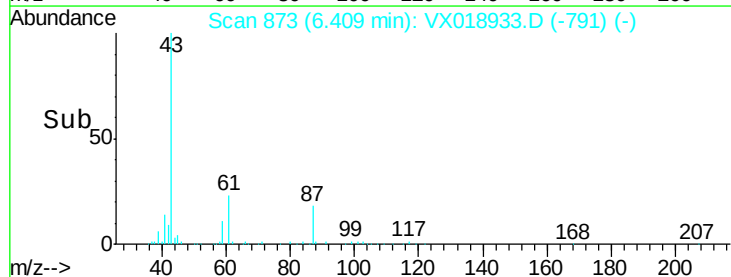
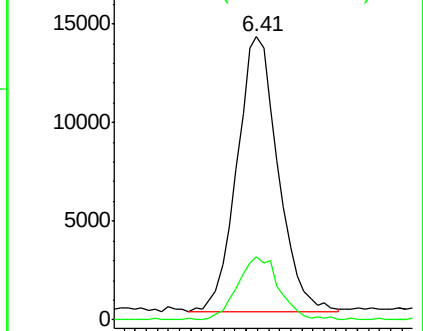
43 100

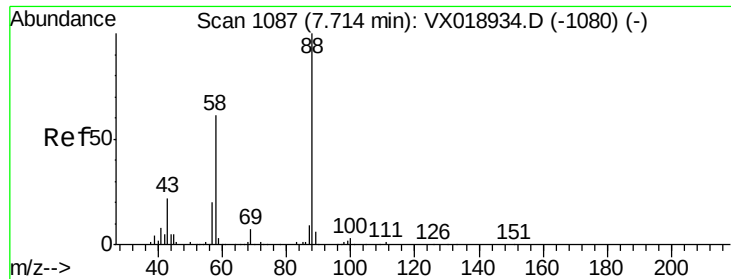
61 22.8 0.0 0.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 107.943 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

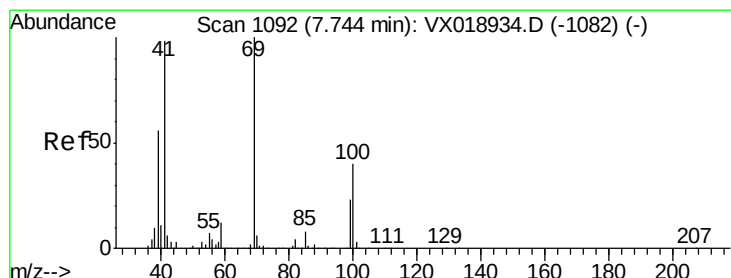
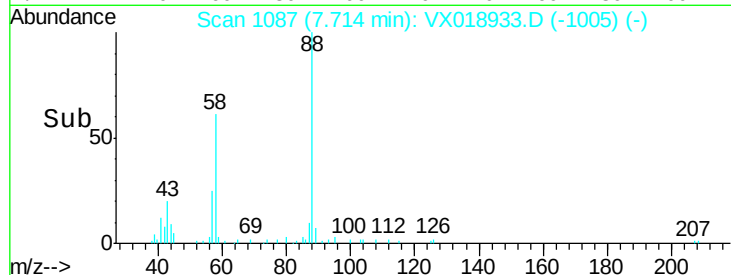
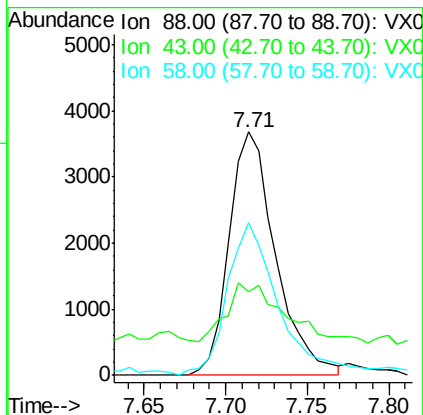
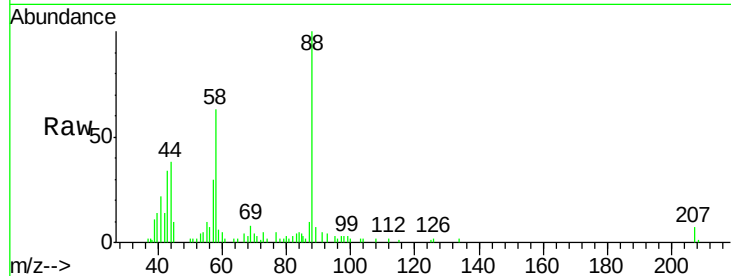
ClientSampleId :

VSTDIC005

Tot Ion:	88	Resp:	7315
Ion	Ratio	Lower	Upper
88	100		
43	25.0	22.1	33.1
58	69.8	52.1	78.1

Manual Integrations
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#46

Methyl methacrylate

Concen: 4.248 ug/l

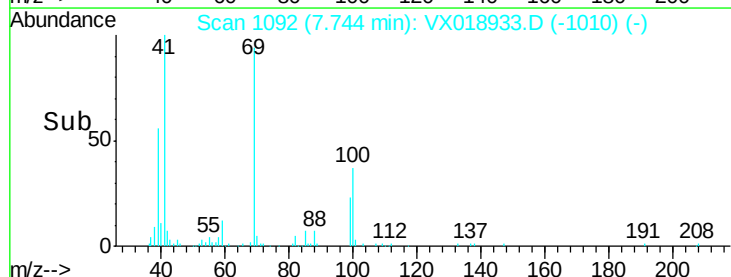
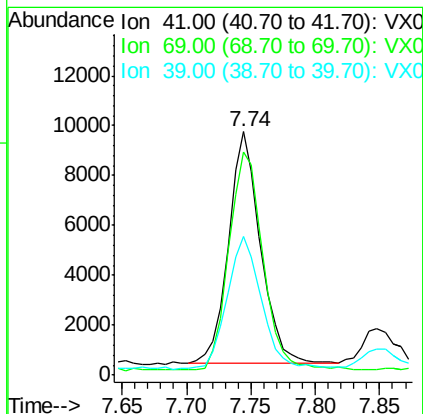
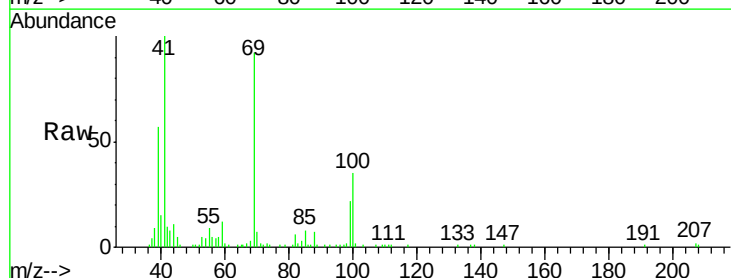
RT: 7.74 min Scan# 1092

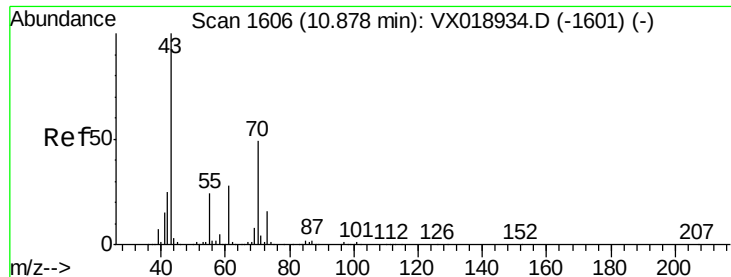
Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Tgt Ion:	41	Resp:	16001
Ion	Ratio	Lower	Upper
41	100		
69	94.1	50.8	152.5
39	56.7	28.5	85.6





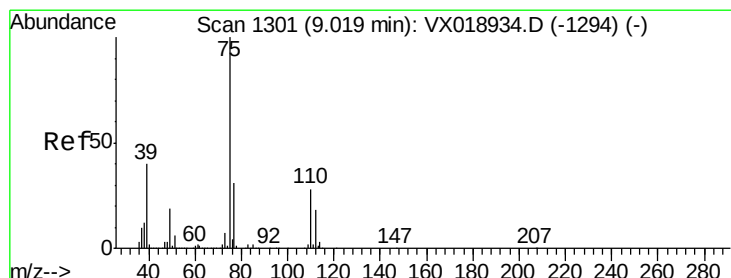
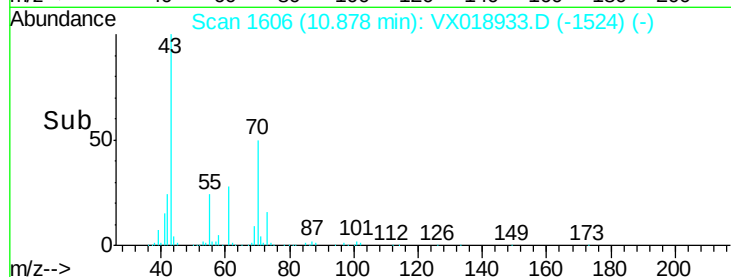
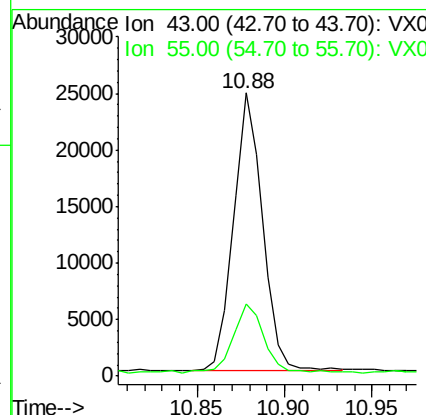
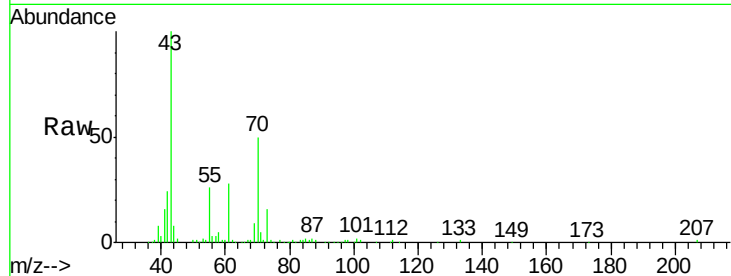
#47
n-amvl Acetate
Concen: 4.204 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	43	55	Ratio	Lower	Upper
28465	100	25.7		19.9	29.9

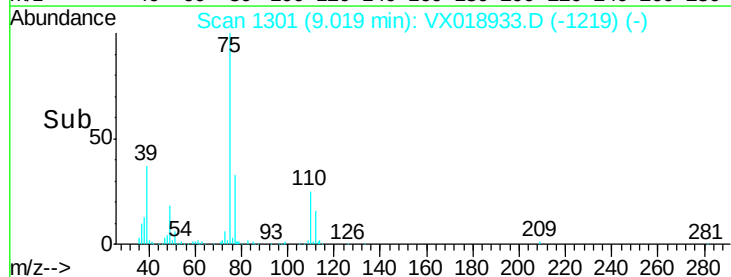
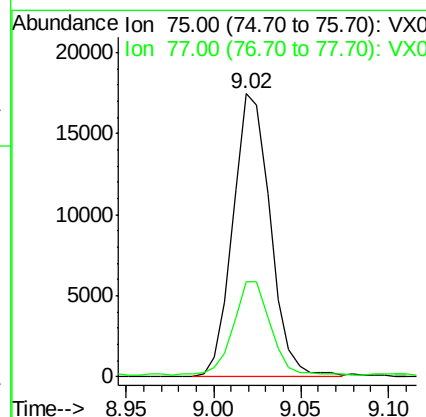
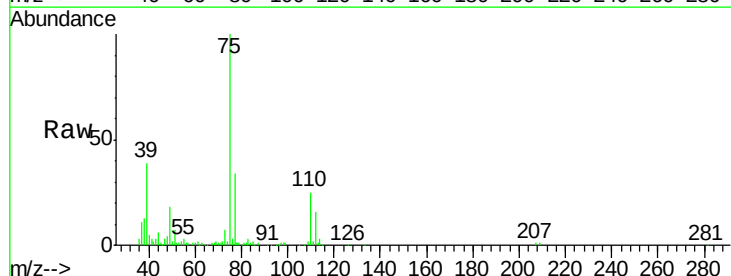
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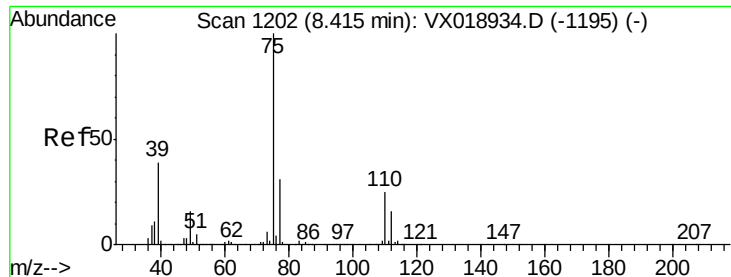
apatel
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#48
t-1,3-Dichloropropene
Concen: 4.782 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion	75	77	Ratio	Lower	Upper
26006	100	32.8		24.6	36.8





#49

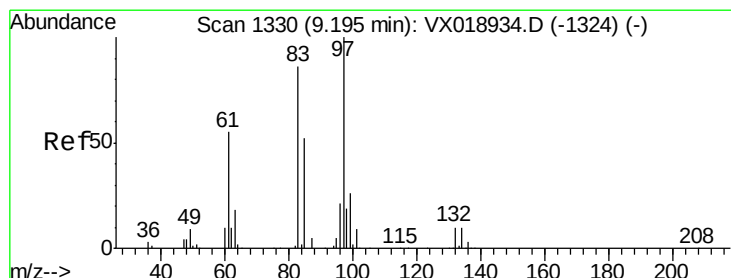
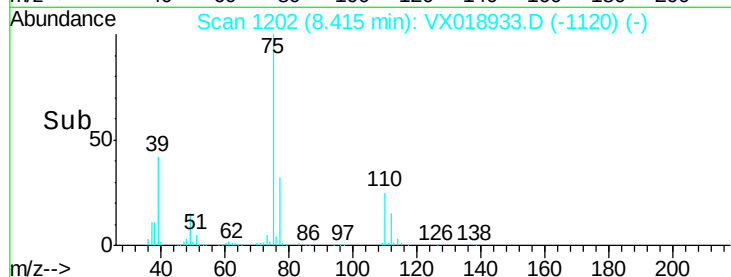
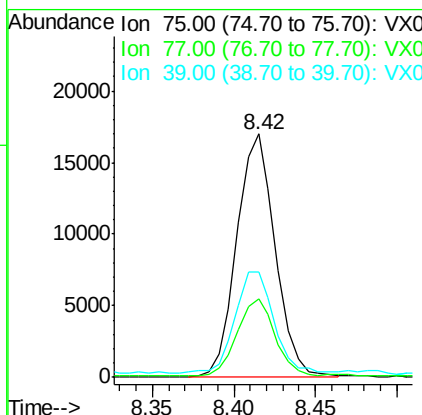
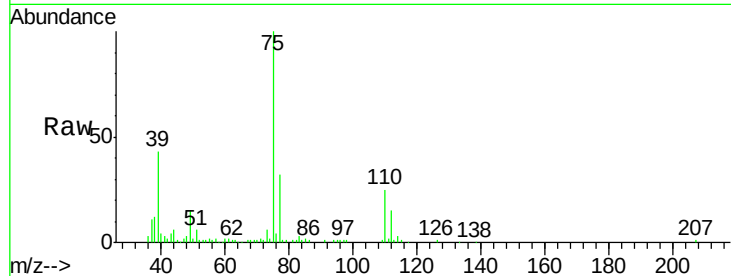
cis-1,3-Dichloropropene
Concen: 4.880 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.1	37.7
39	41.3	31.5	47.3

Manual Integrations
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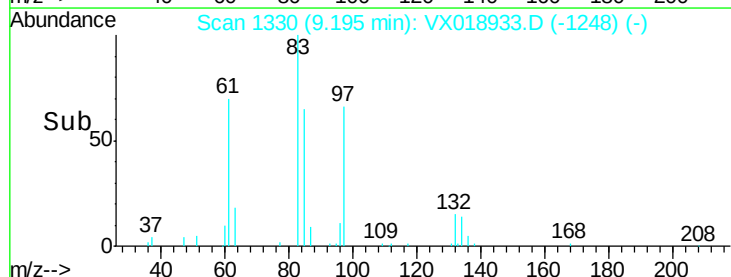
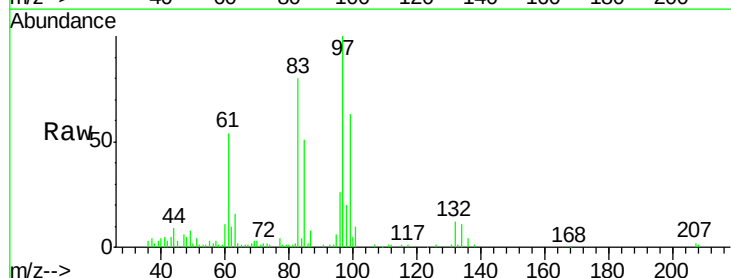
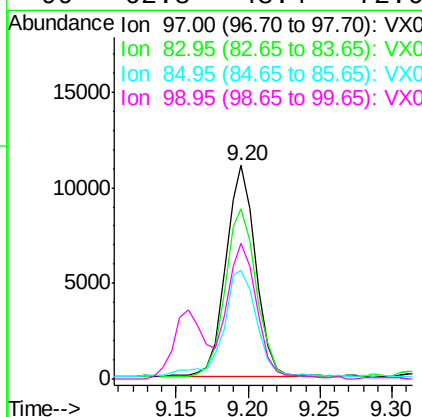
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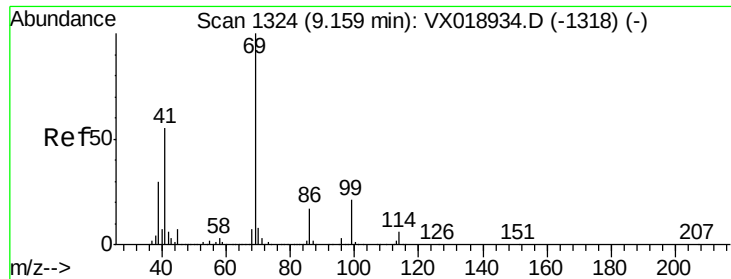


#50

1,1,2-Trichloroethane
Concen: 4.752 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.6	68.0	102.0
85	49.7	43.8	65.8
99	62.8	48.4	72.6





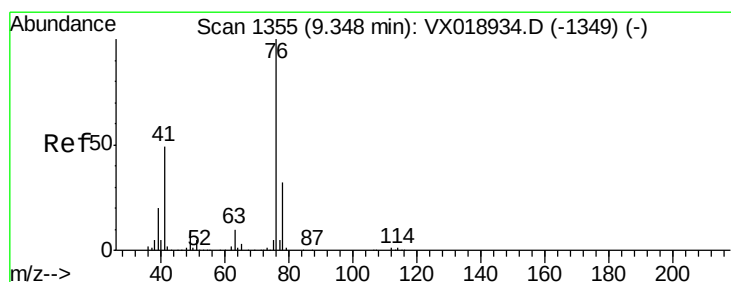
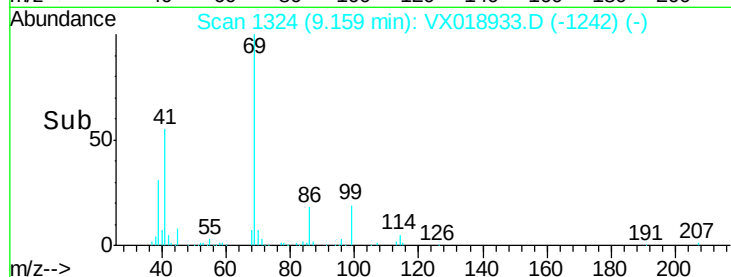
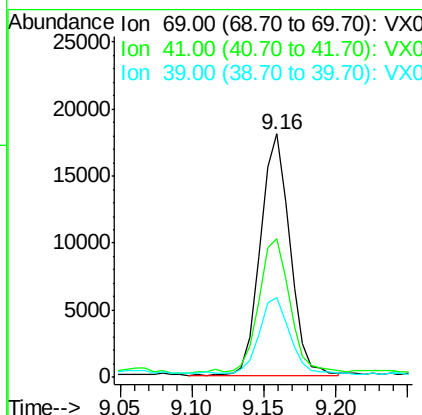
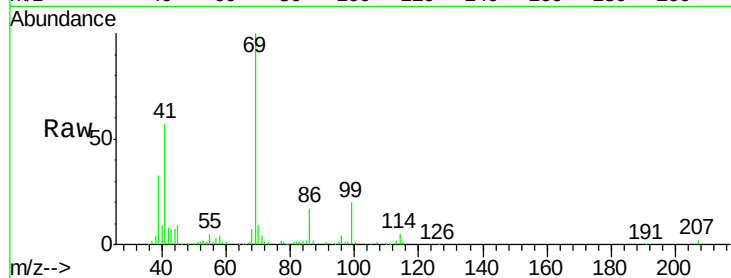
#51
Ethyl methacrylate
Concen: 5.062 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
69	100		
41	55.4	27.6	82.8
39	31.5	15.0	45.0

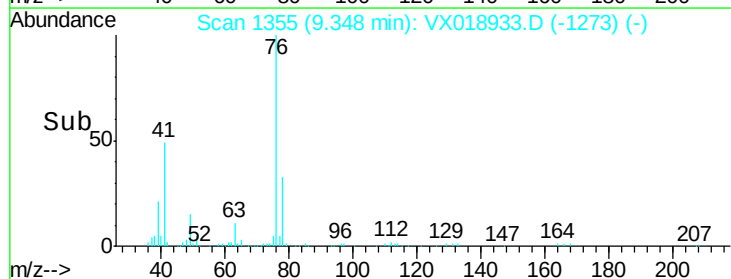
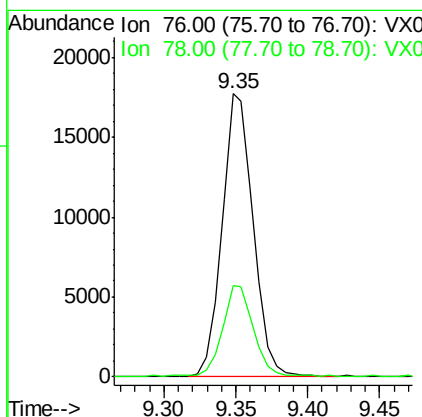
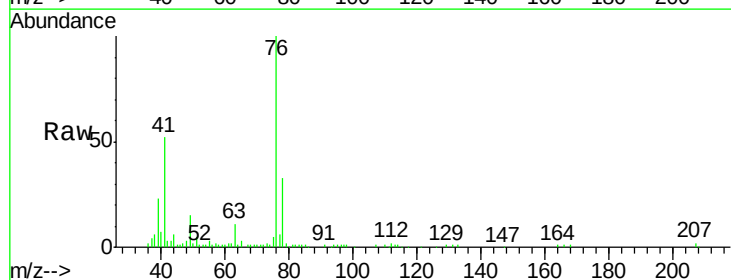
Manual Integrations
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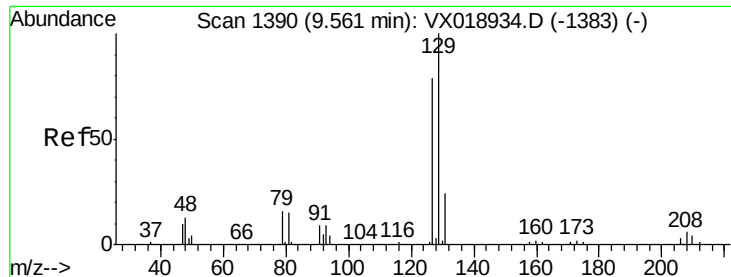
apatel
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#52
1,3-Dichloropropane
Concen: 4.780 ug/l
RT: 9.35 min Scan# 1355
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	65.2





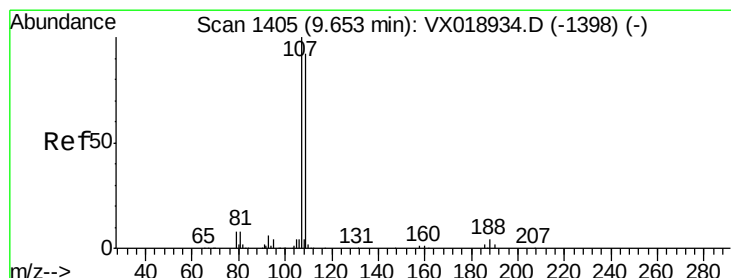
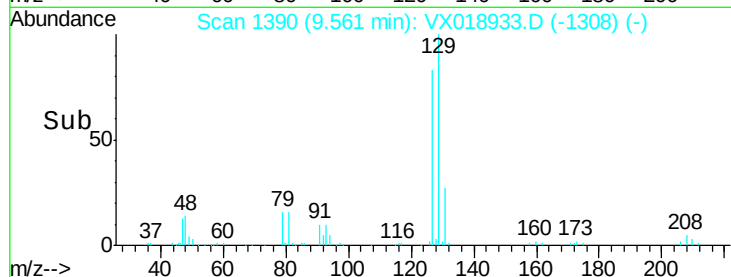
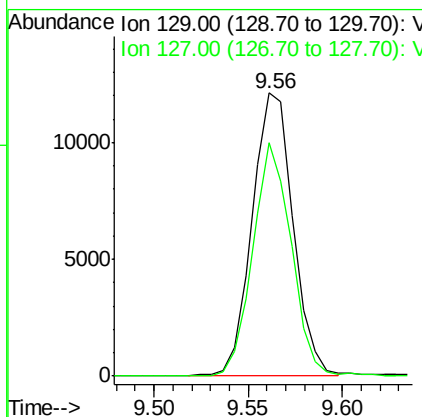
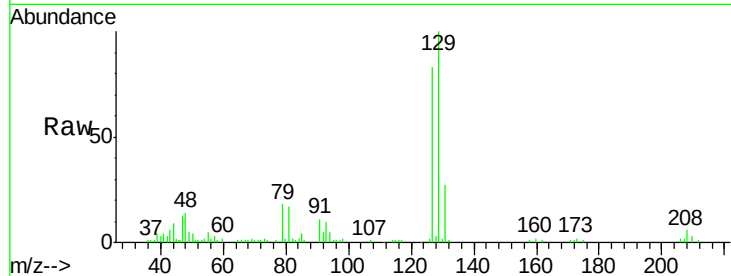
#53
Dibromochloromethane
Concen: 4.340 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.7	116.1

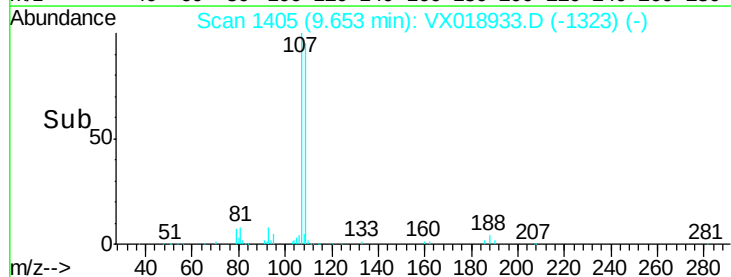
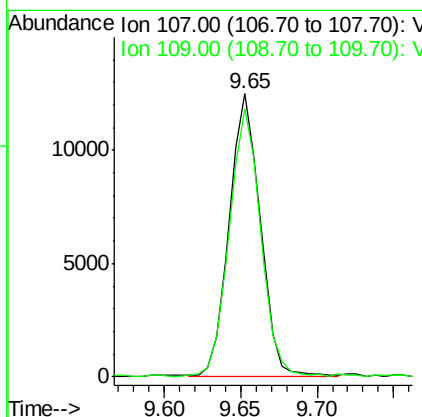
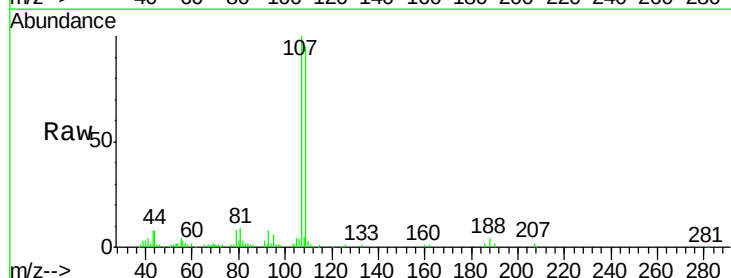
Manual Integrations
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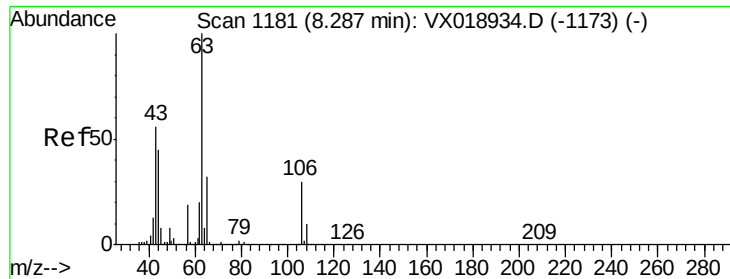
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#54
1,2-Dibromoethane
Concen: 4.733 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.1	112.7





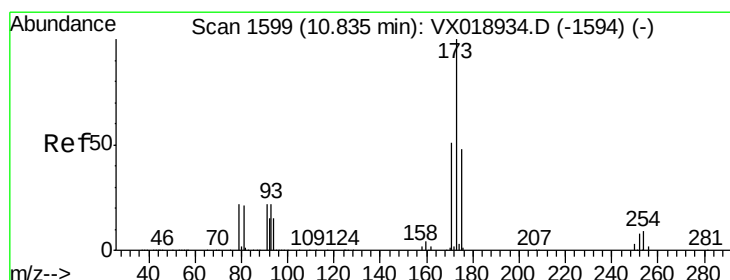
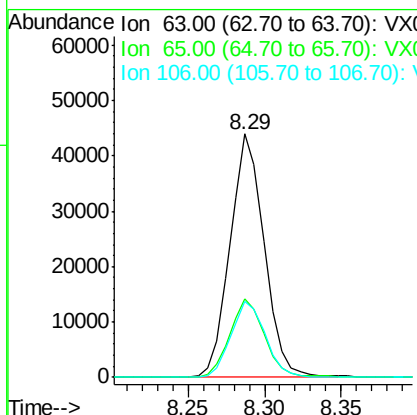
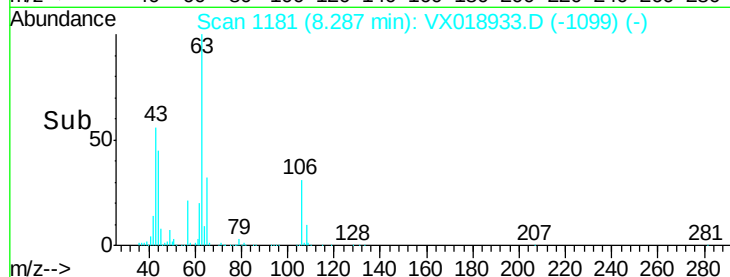
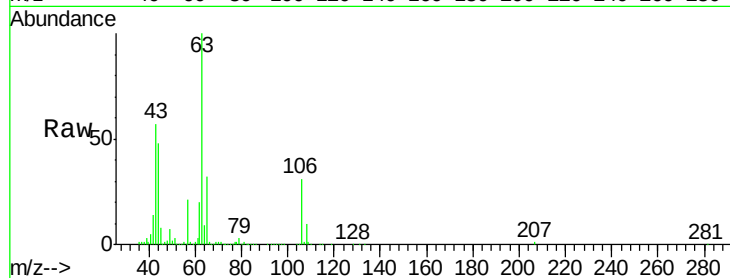
#55
2-Chloroethyl vinyl ether
Concen: 26.106 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.8	38.6
106	31.6	25.3	37.9

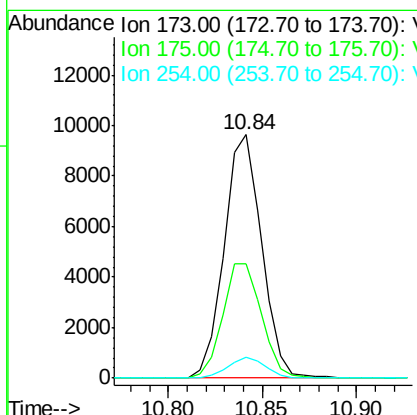
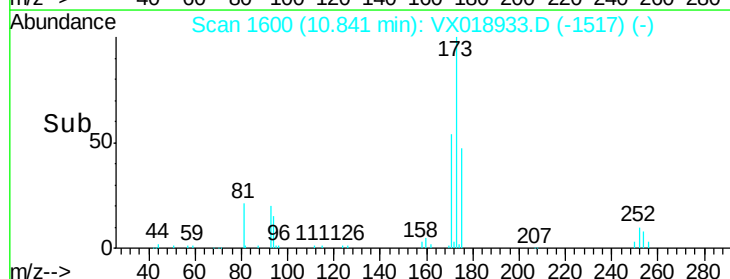
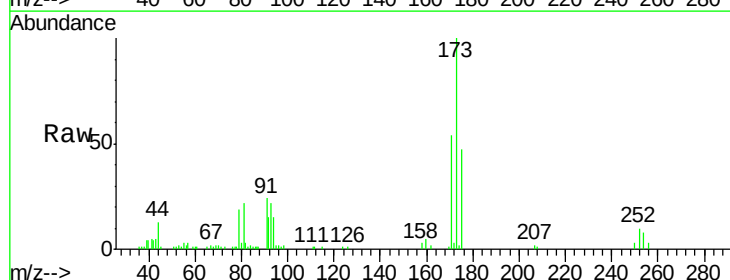
Manual Integrations
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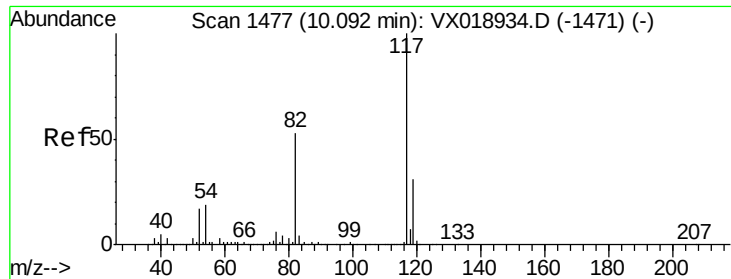
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#56
Bromoform
Concen: 4.132 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.2	58.8
254	8.3	7.5	11.3





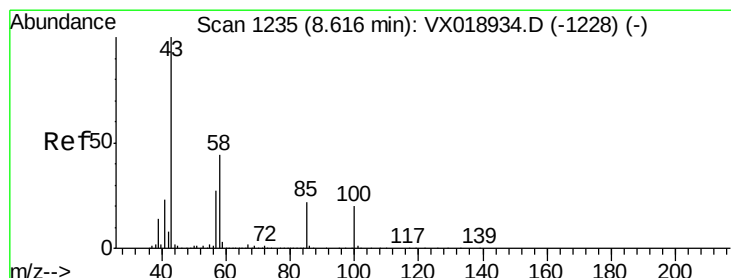
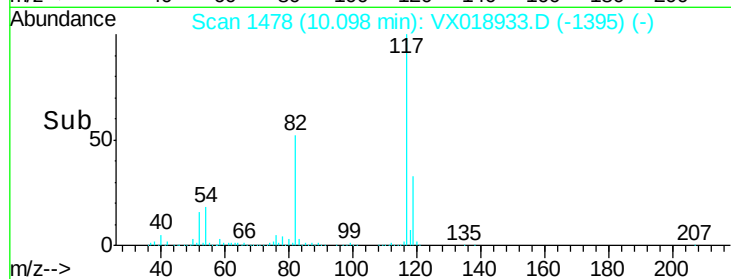
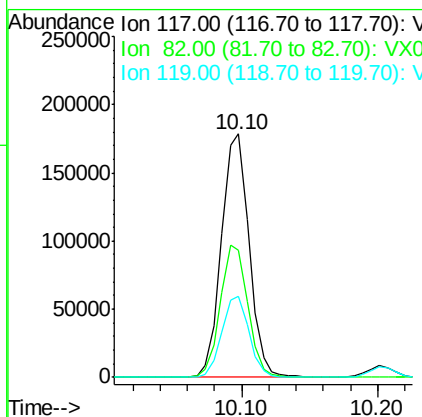
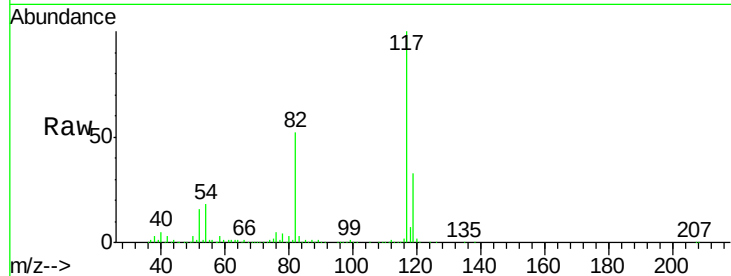
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	53.9	41.6	62.4
119	33.1	25.7	38.5

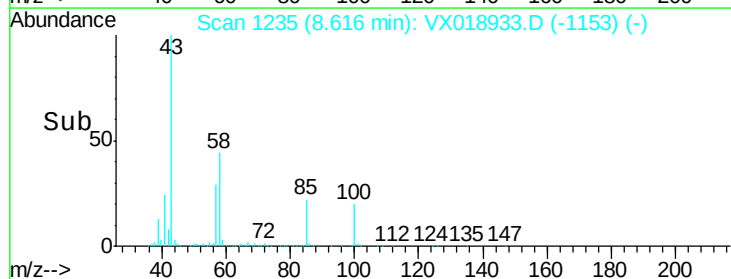
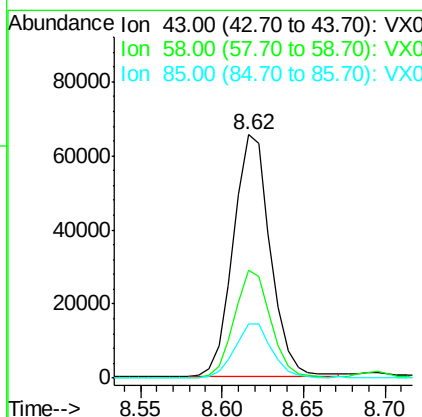
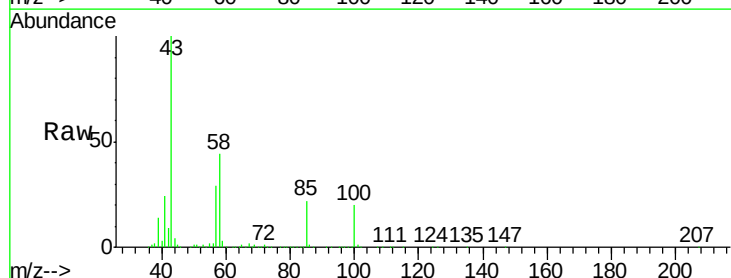
Manual Integrations
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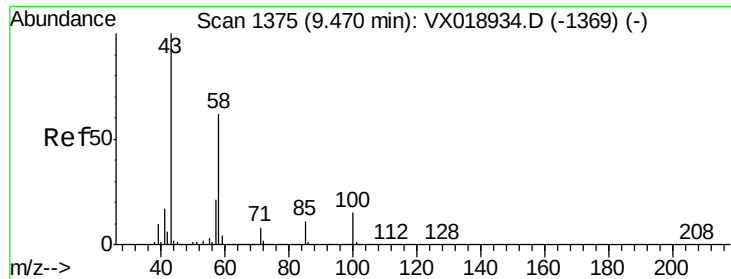
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#58
4-Methyl-2-Pentanone
Concen: 24.431 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
58	44.0	35.4	53.2
85	21.9	18.0	27.0





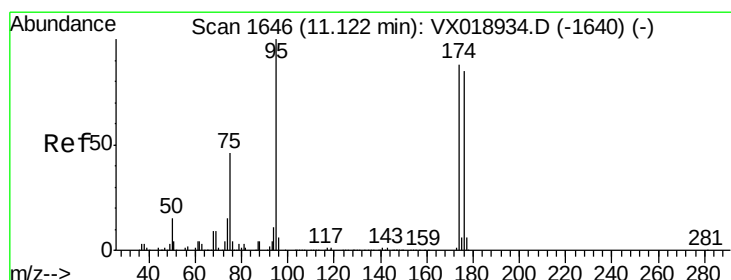
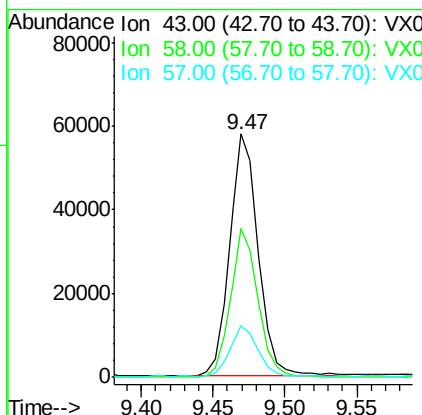
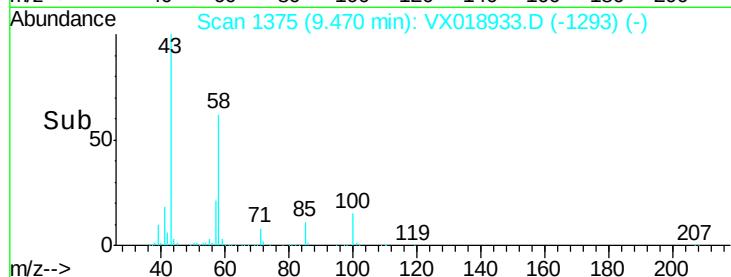
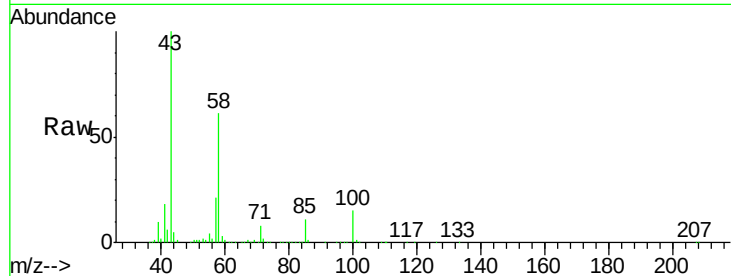
#59
2-Hexanone
Concen: 24.652 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.8	49.7	74.5
57	20.6	16.9	25.3

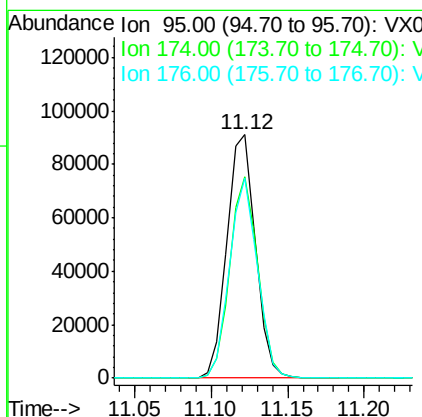
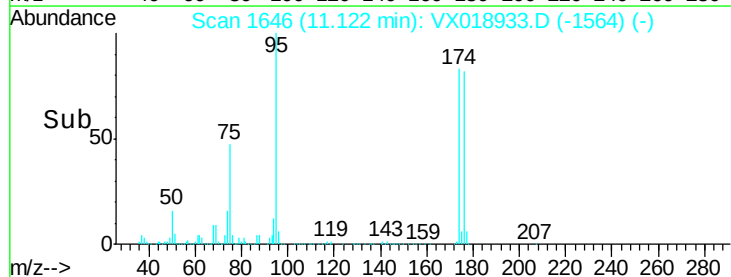
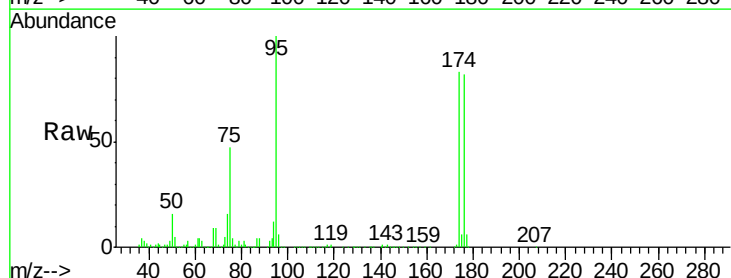
Manual Integrations
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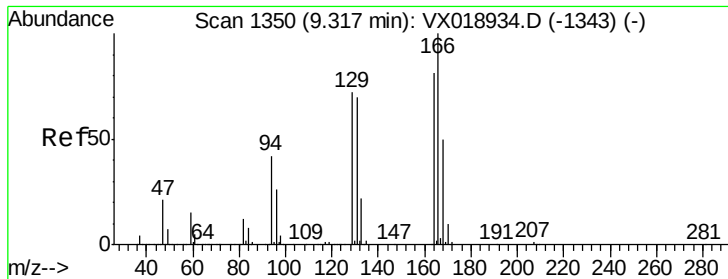
apatel
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#60
4-Bromofluorobenzene
Concen: 27.525 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.1	67.0	100.4
176	80.0	64.5	96.7





#61

Tetrachloroethene

Concen: 4.986 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

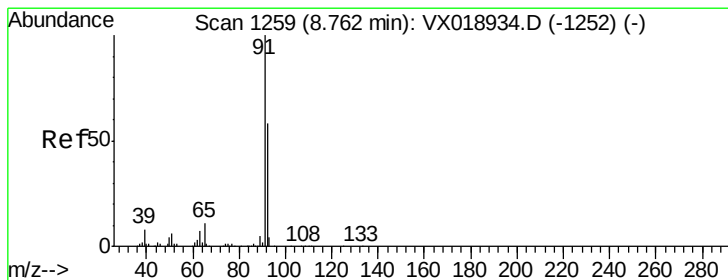
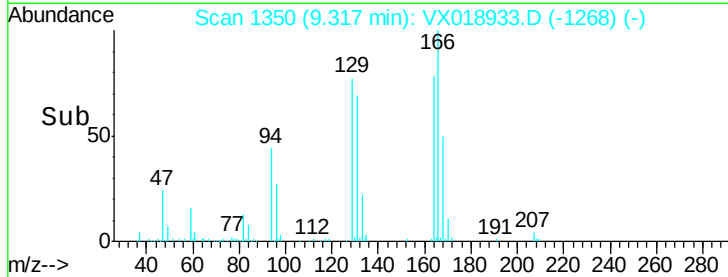
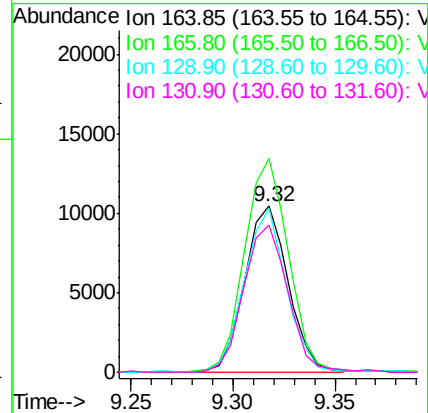
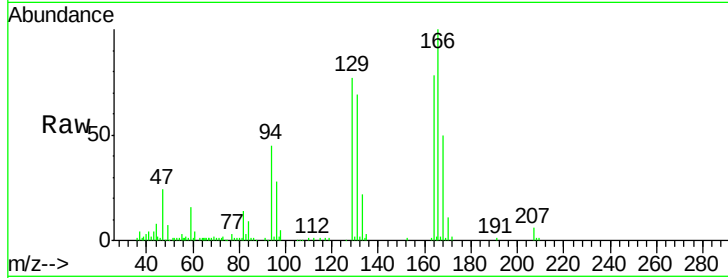
ClientSampleId :

VSTDIC005

Tot Ion:	164	Resp:	15483
Ion	Ratio	Lower	Upper
164	100		
166	128.0	99.4	149.0
129	98.8	71.8	107.6
131	88.8	69.8	104.6

Manual Integrations
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#62

Toluene

Concen: 5.451 ug/l

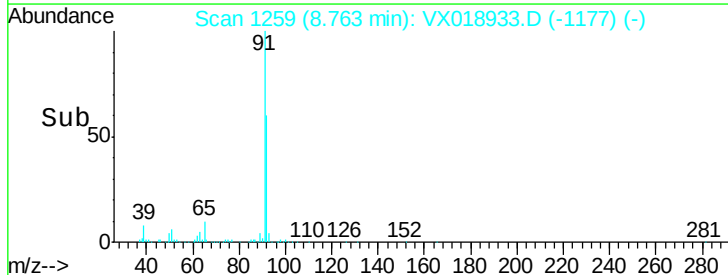
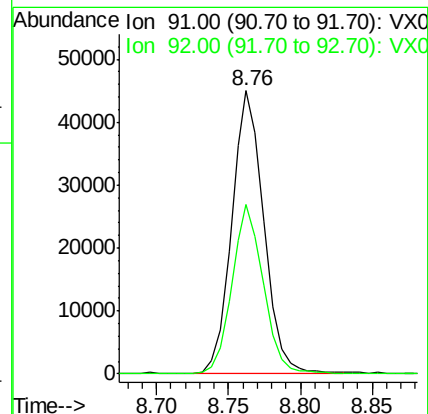
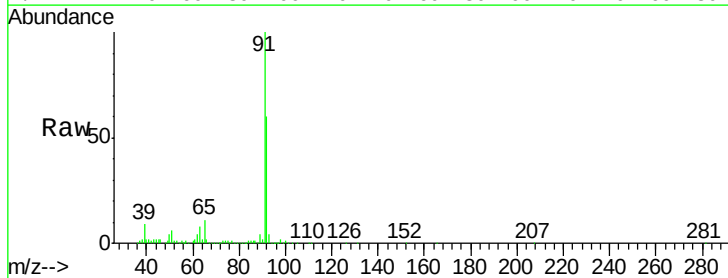
RT: 8.76 min Scan# 1259

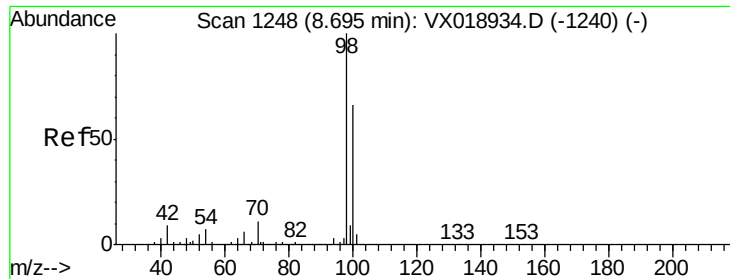
Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Tgt Ion:	91	Resp:	69379
Ion	Ratio	Lower	Upper
91	100		
92	59.3	47.1	70.7





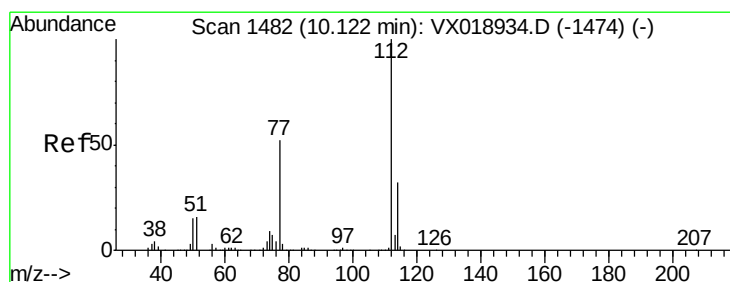
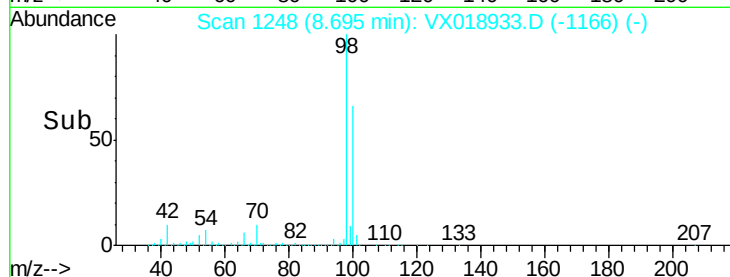
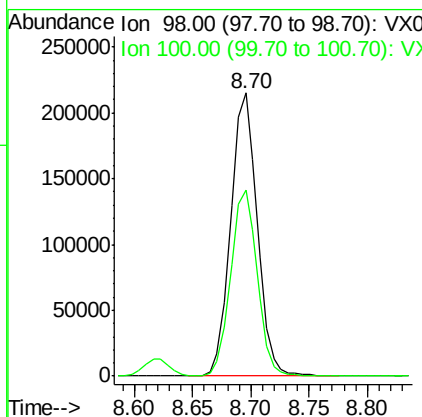
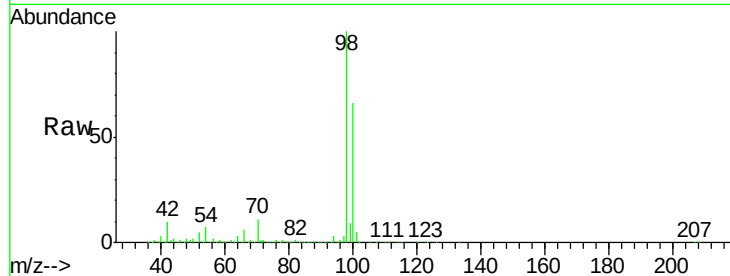
#63
Toluene-d8
Concen: 31.057 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 98 Resp: 341328
Ion Ratio Lower Upper
98 100
100 66.2 53.2 79.8

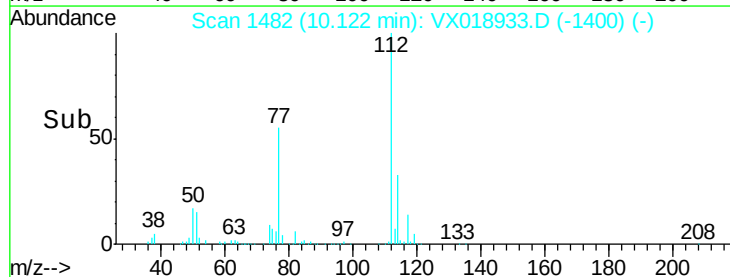
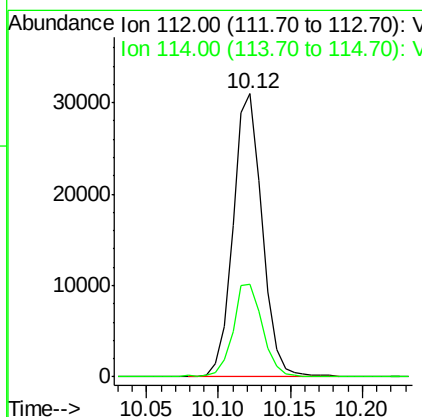
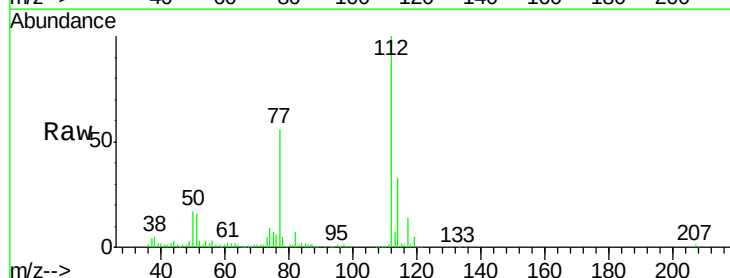
Manual Integrations
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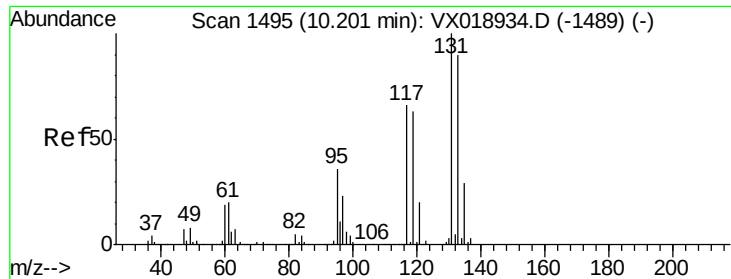
apatel
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#64
Chlorobenzene
Concen: 5.347 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion: 112 Resp: 43819
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 5.113 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

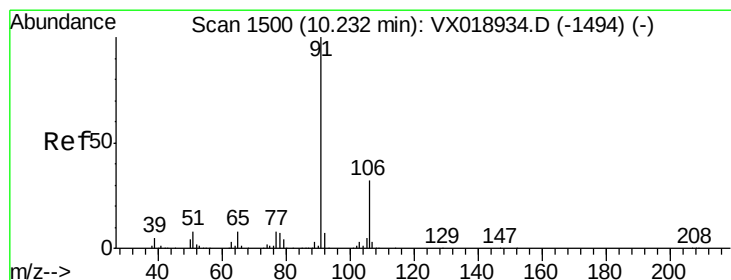
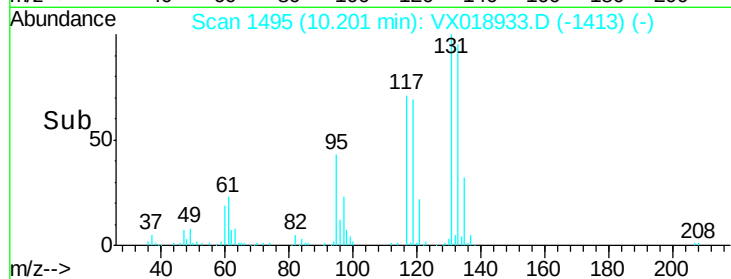
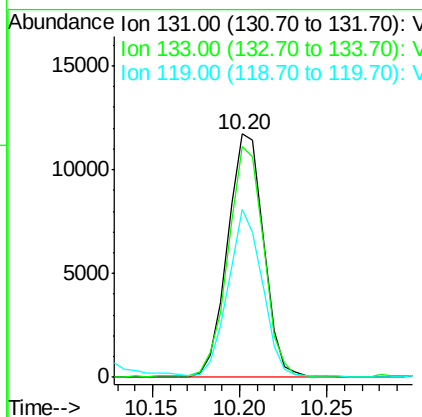
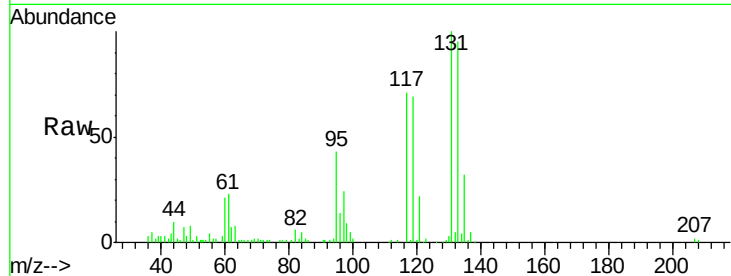
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
131	100	16869		
133	93.5	0.0	188.8	
119	65.9	0.0	127.2	

Manual Integrations
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#66

Ethyl Benzene

Concen: 5.349 ug/l

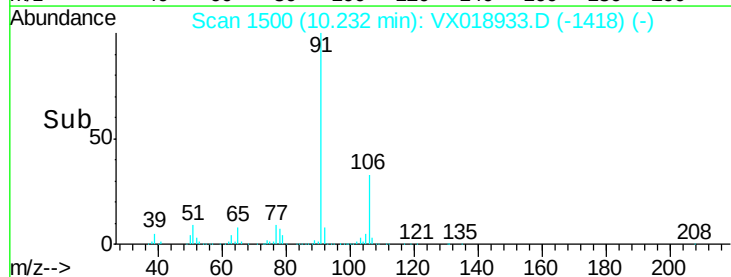
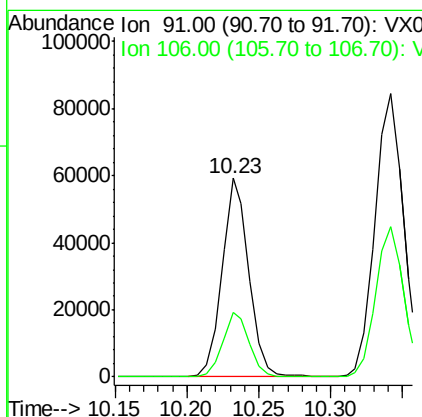
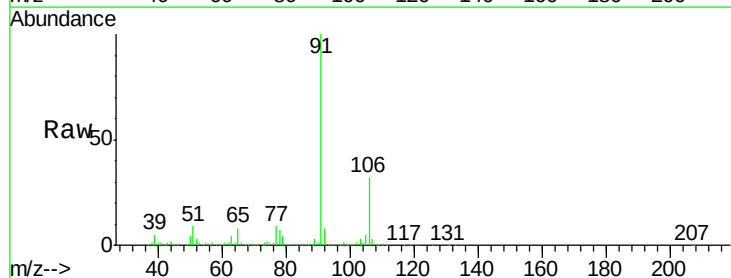
RT: 10.23 min Scan# 1500

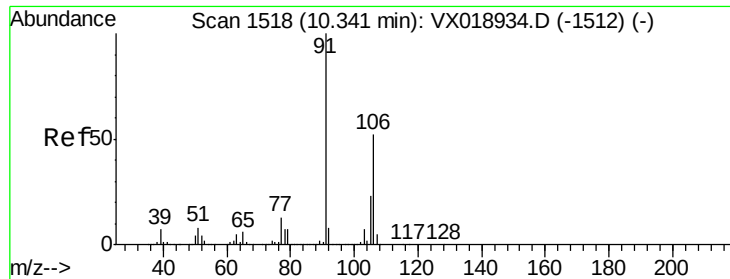
Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	75919		
106	32.6	25.3	37.9	





#67

m/p-Xylenes

Concen: 10.956 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:106 Resp: 59512

Ion Ratio Lower Upper

106 100

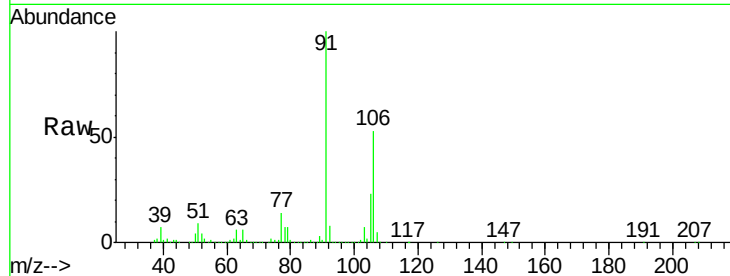
91 193.8 155.7 233.5

Manual Integrations

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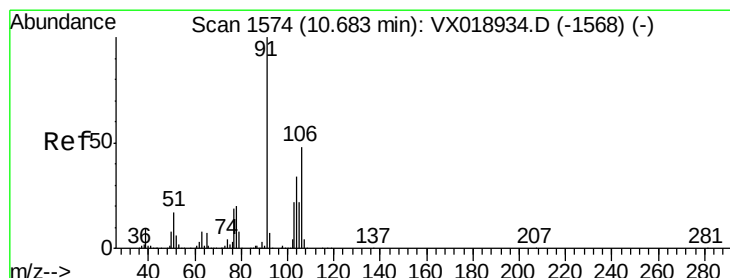
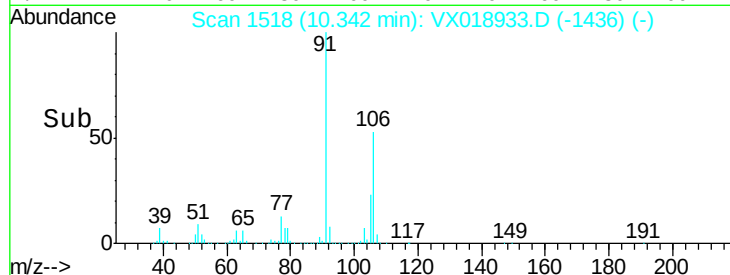
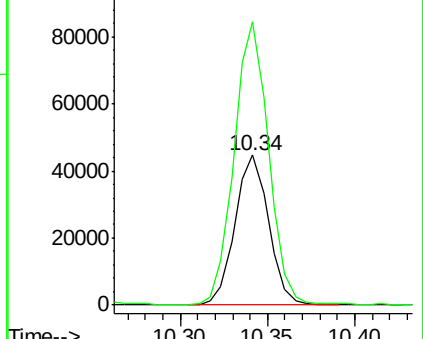
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 5.403 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018933.D

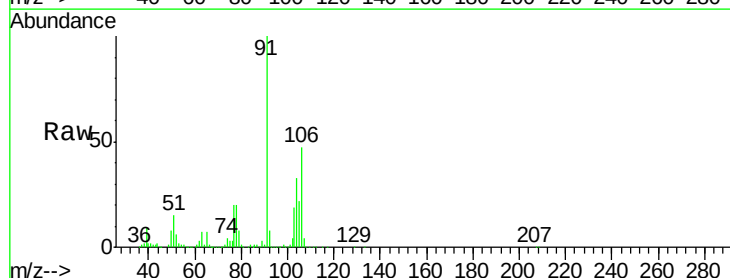
Acq: 15 Oct 2020 13:29

Tgt Ion:106 Resp: 27911

Ion Ratio Lower Upper

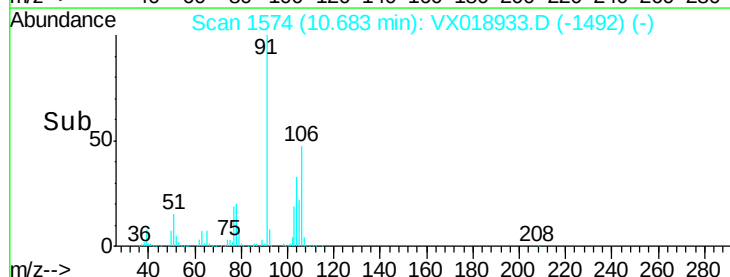
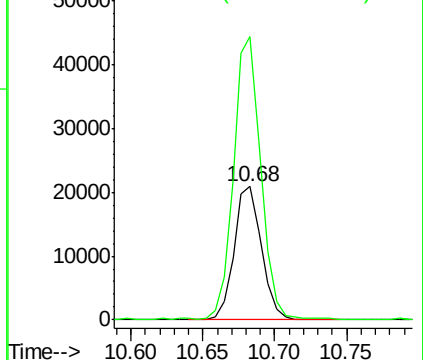
106 100

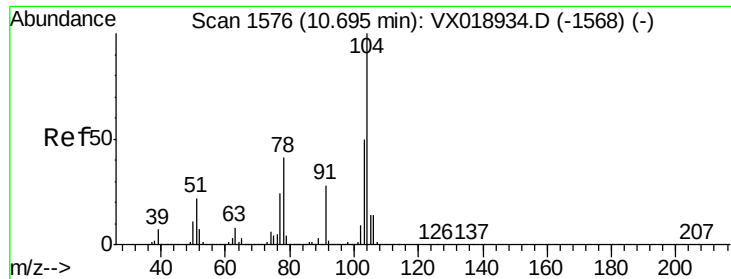
91 208.2 103.3 309.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





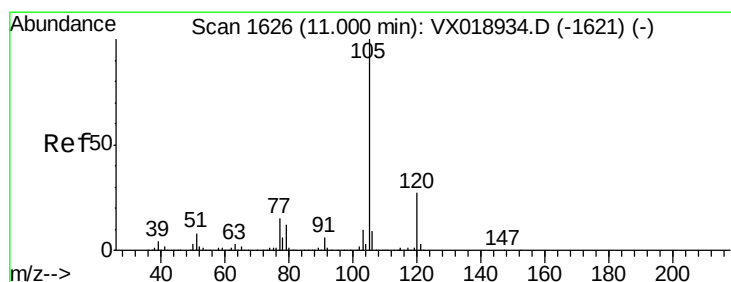
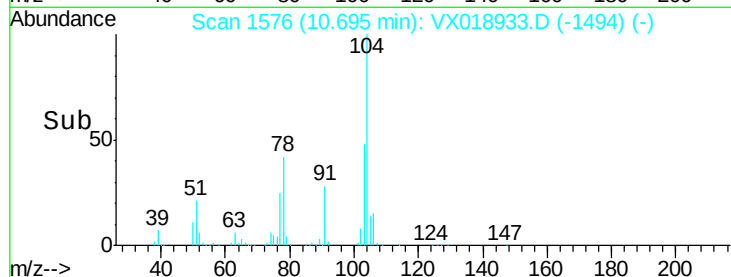
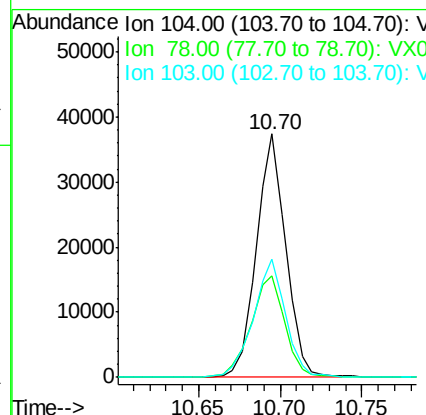
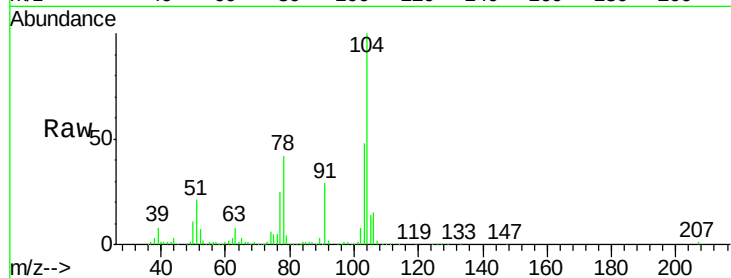
#69
Stvrene
Concen: 5.264 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.2	37.8	56.6
103	52.8	44.1	66.1

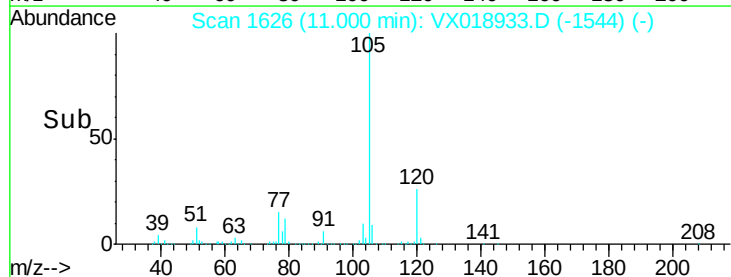
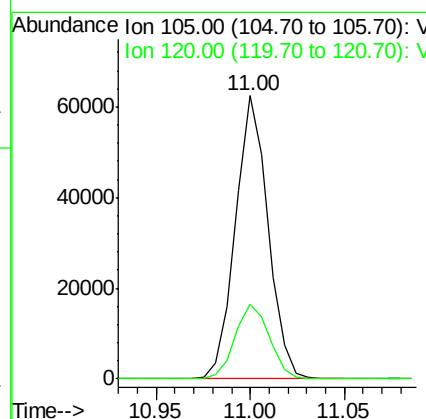
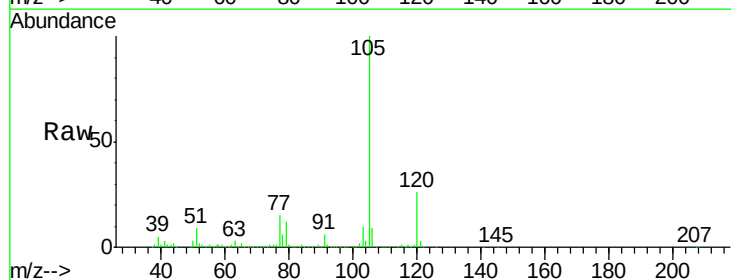
Manual Integrations
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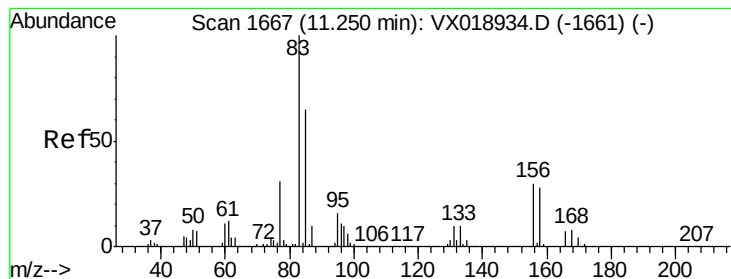
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#70
Isopropylbenzene
Concen: 5.263 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.8	19.4	36.0





#71

1,1,2,2-Tetrachloroethane

Concen: 5.021 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

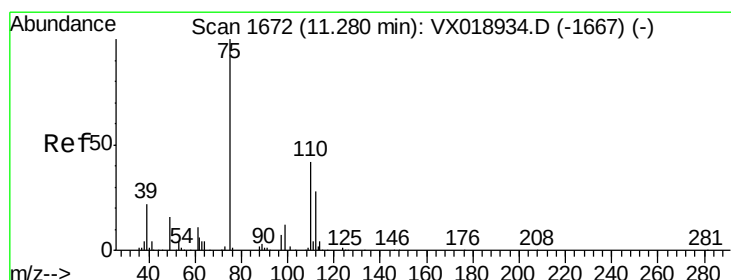
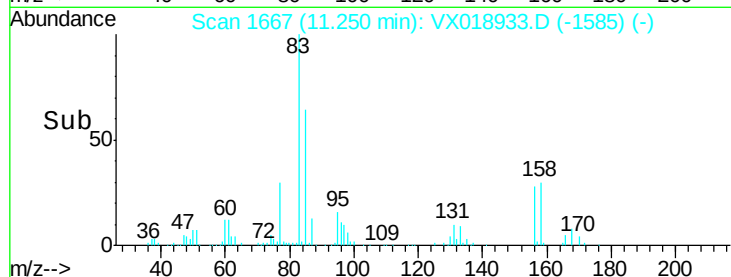
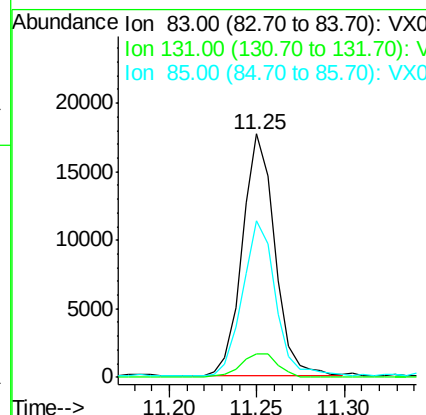
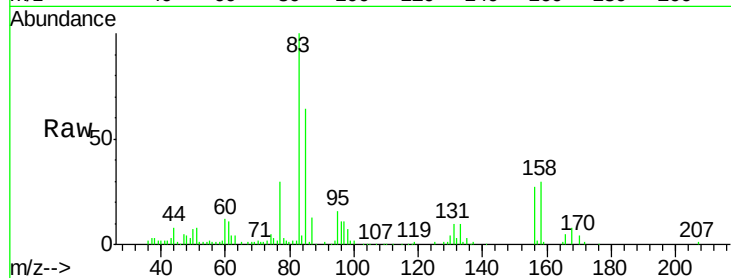
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
83	100	22882		
131	11.1		5.3	16.1
85	65.2		32.3	96.8

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 4.987 ug/l m

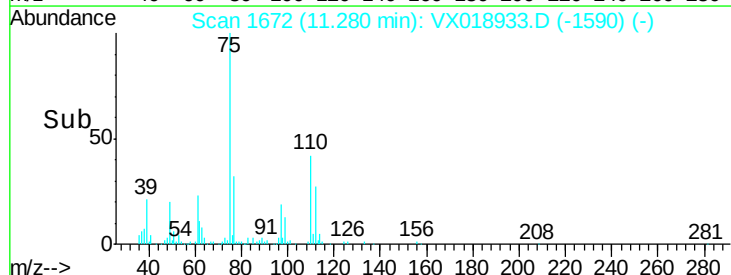
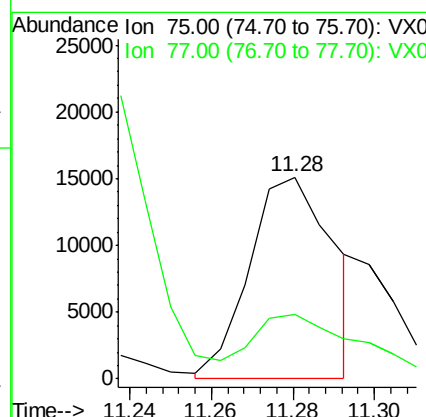
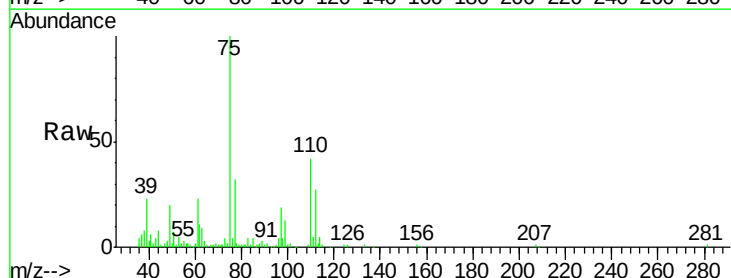
RT: 11.28 min Scan# 1672

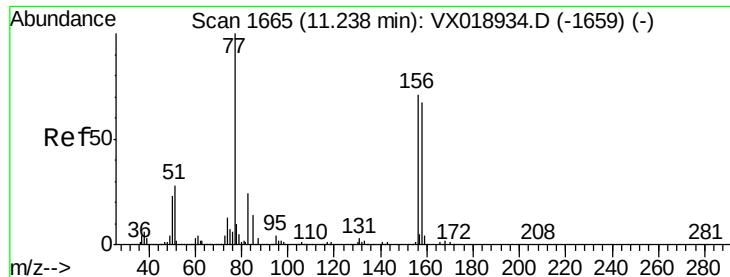
Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21782		
77	36.2		0.0	75.8





#73

Bromobenzene

Concen: 4.608 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

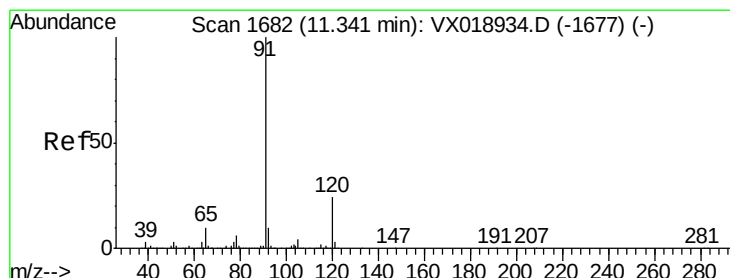
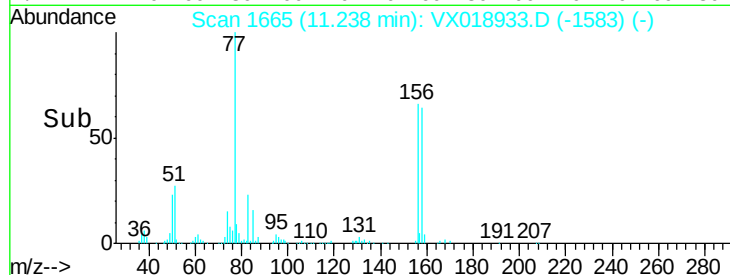
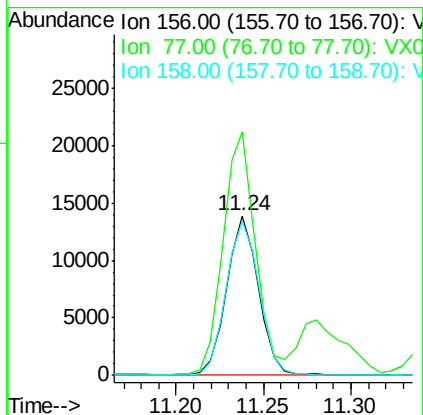
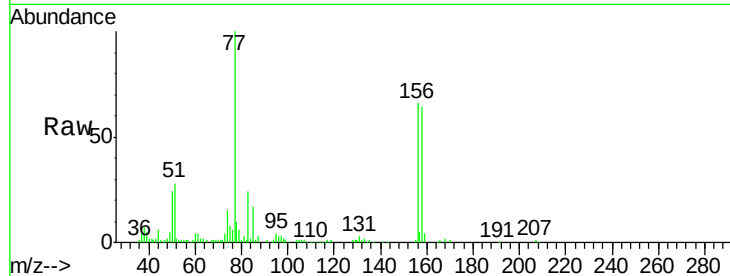
ClientSampleId :

VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		17700		
77	153.4	0.0	288.2		
158	100.6	0.0	189.2		

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#74

n-propylbenzene

Concen: 5.127 ug/l

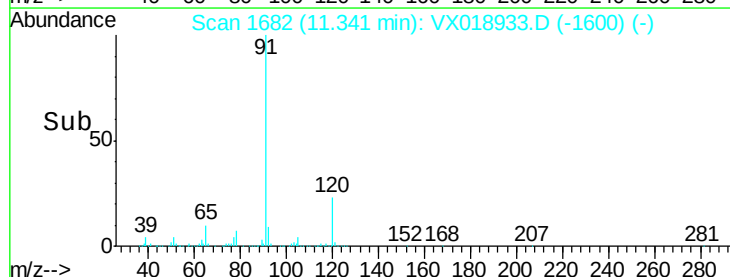
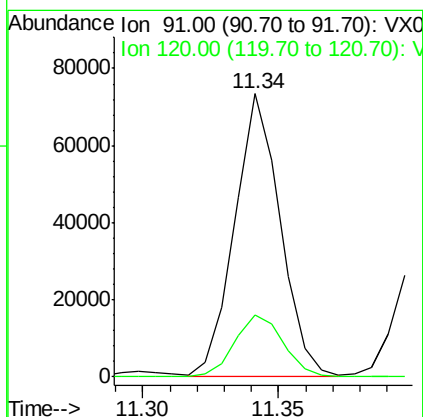
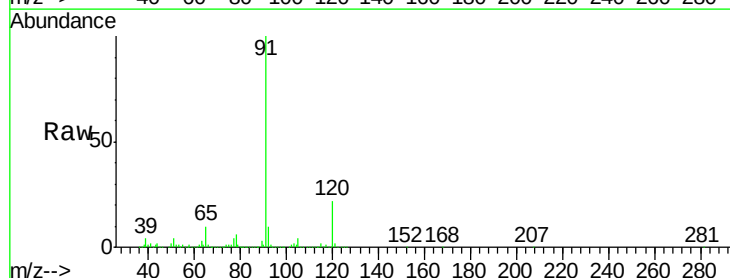
RT: 11.34 min Scan# 1682

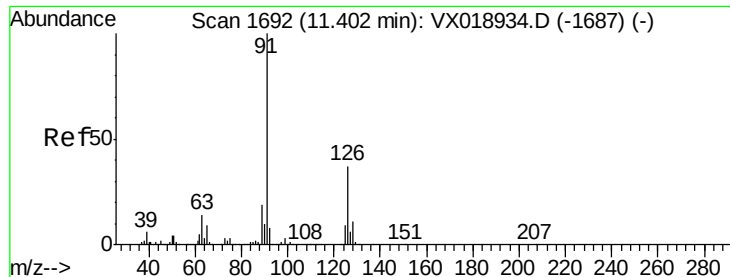
Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		85301		
120	23.5	0.0	48.4		





#75

2-Chlorotoluene

Concen: 4.876 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 48660

Ion Ratio Lower Upper

91 100

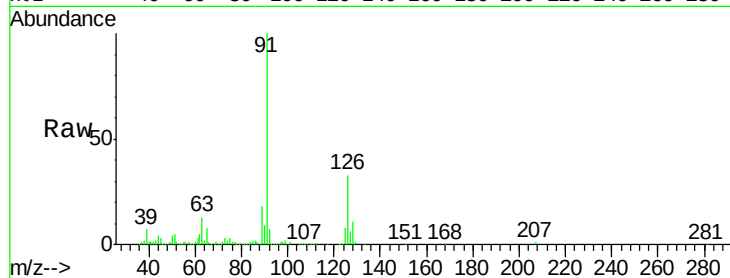
126 35.3 0.0 70.8

Manual Integrations

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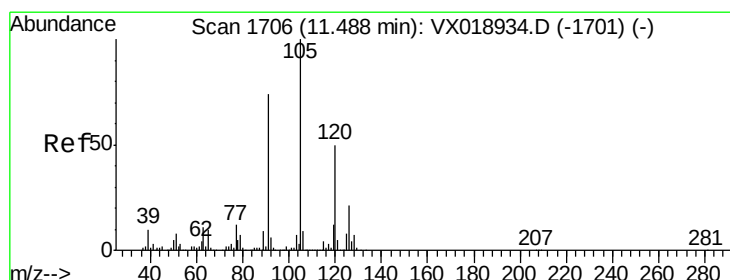
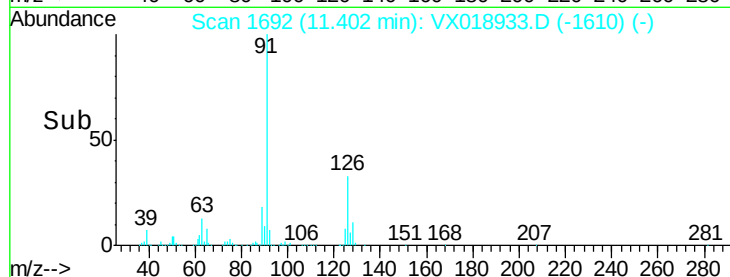
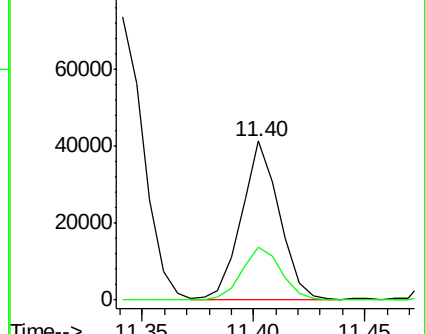
apatel

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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 4.888 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX018933.D

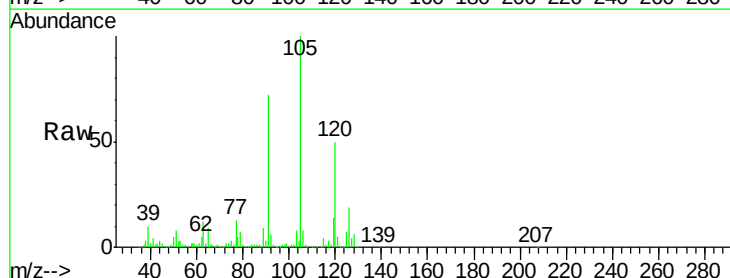
Acq: 15 Oct 2020 13:29

Tgt Ion: 105 Resp: 60085

Ion Ratio Lower Upper

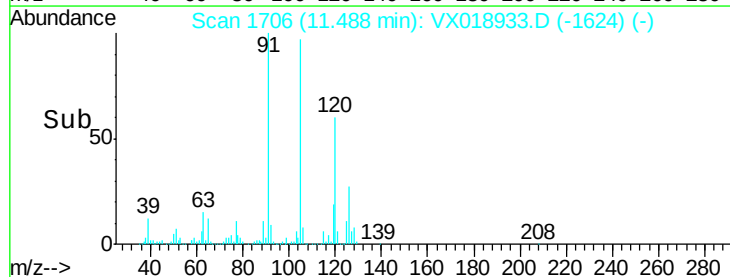
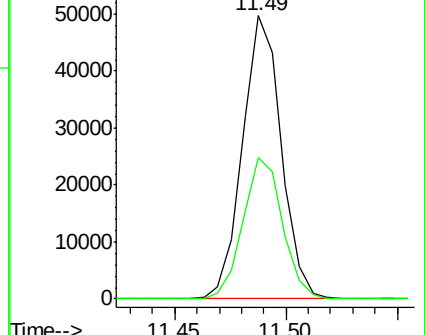
105 100

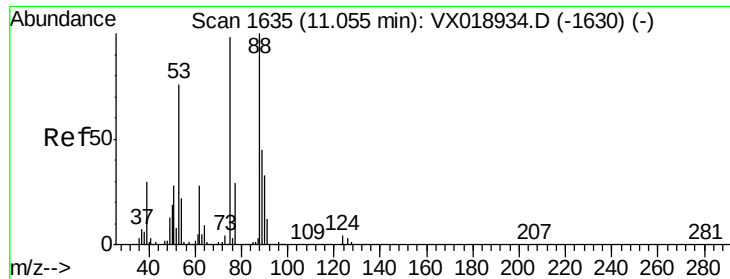
120 51.2 0.0 101.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 5.204 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

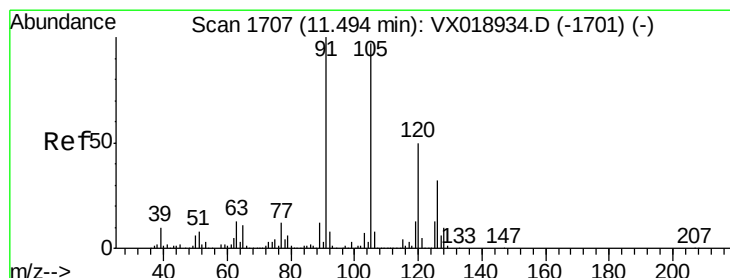
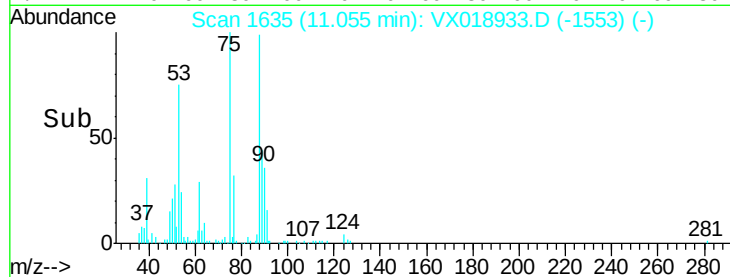
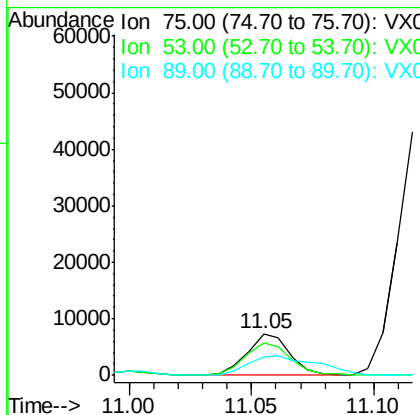
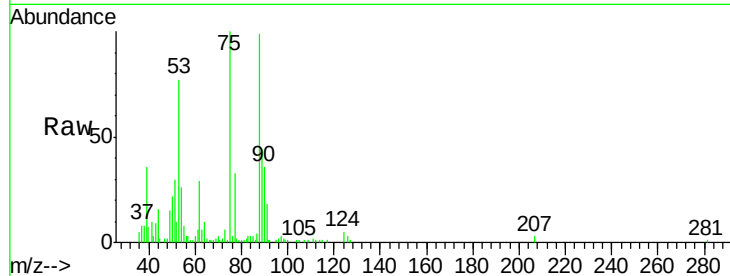
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	9110
Ion	Ratio	Lower	Upper
75	100		
53	74.8	38.8	116.3
89	42.8	22.9	68.8

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#78

4-Chlorotoluene

Concen: 4.746 ug/l

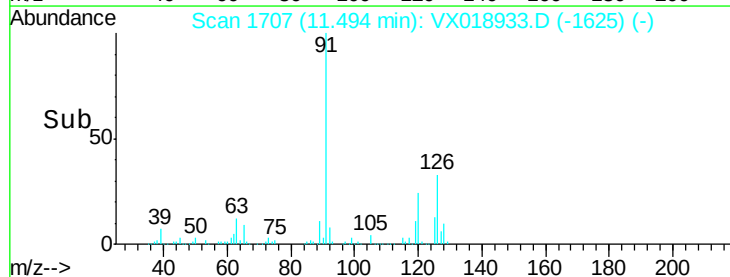
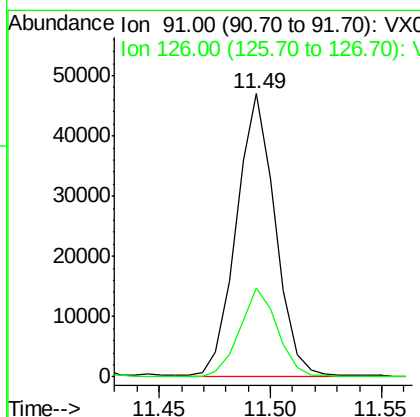
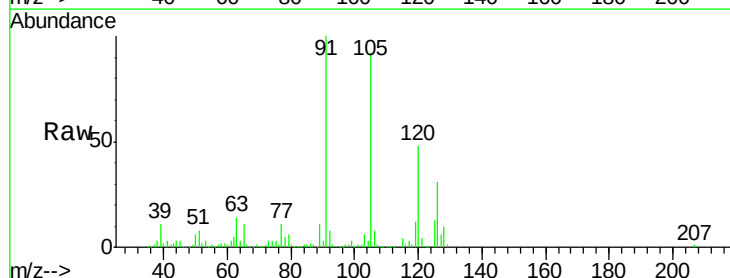
RT: 11.49 min Scan# 1707

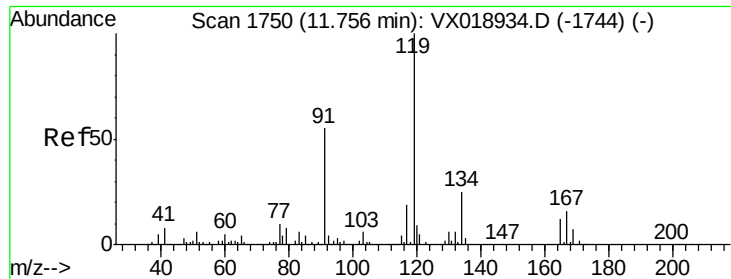
Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Tgt Ion:	91	Resp:	56345
Ion	Ratio	Lower	Upper
91	100		
126	31.3	0.0	63.6





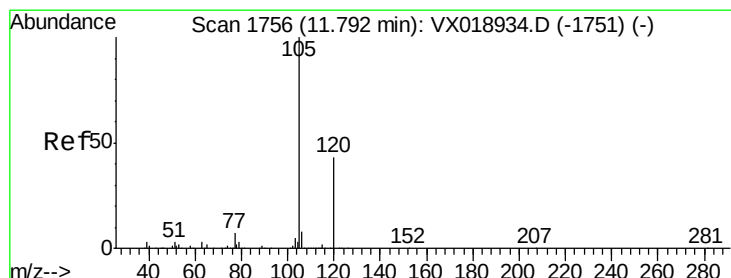
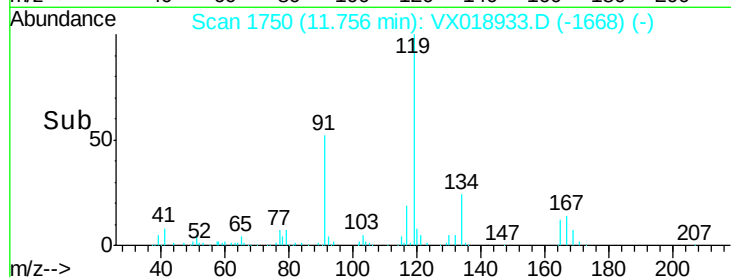
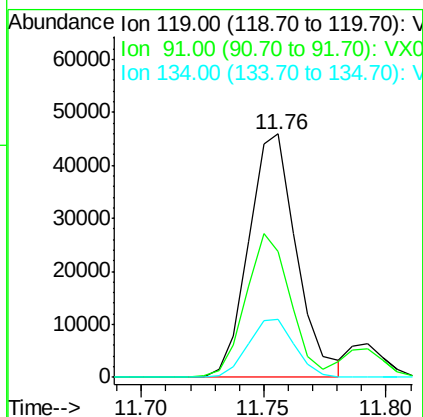
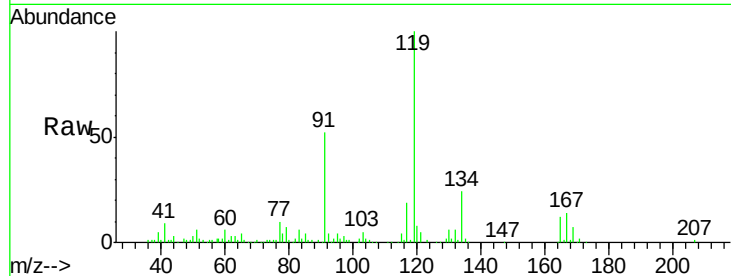
#79
tert-butylbenzene
Concen: 5.225 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	62431		
91	54.4		0.0	110.0
134	23.5		0.0	47.4

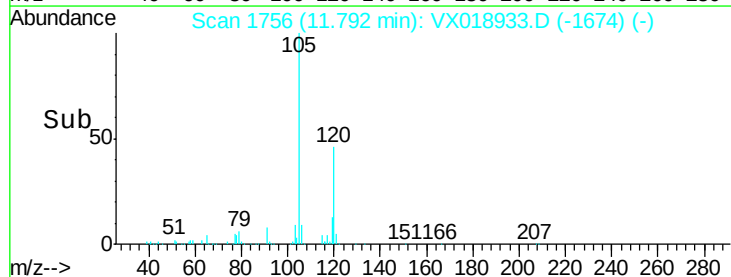
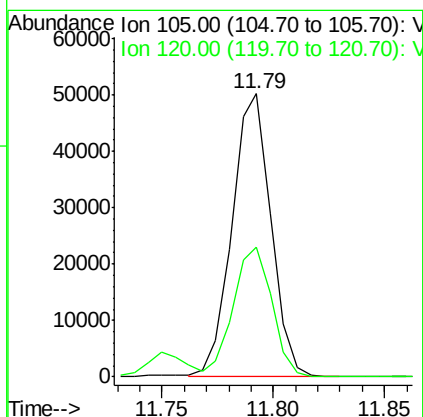
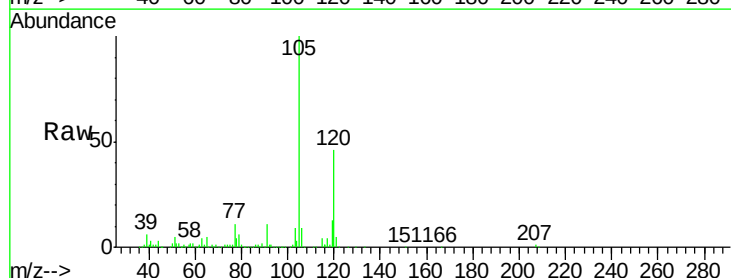
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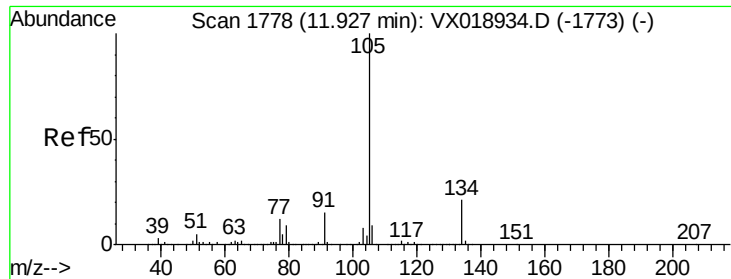
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#80
1,2,4-Trimethylbenzene
Concen: 5.034 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	61102		
120	45.7		0.0	93.0





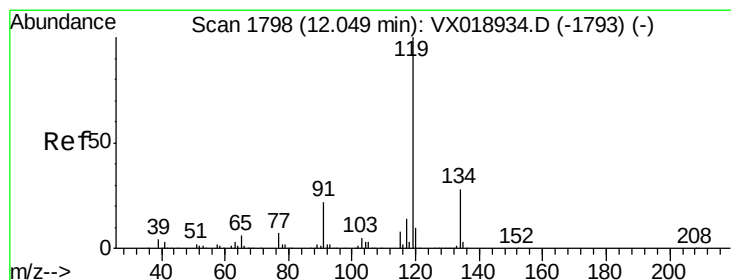
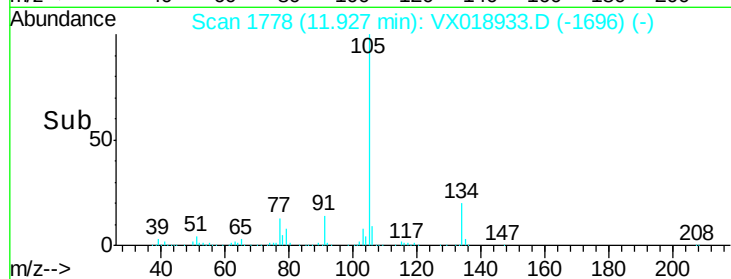
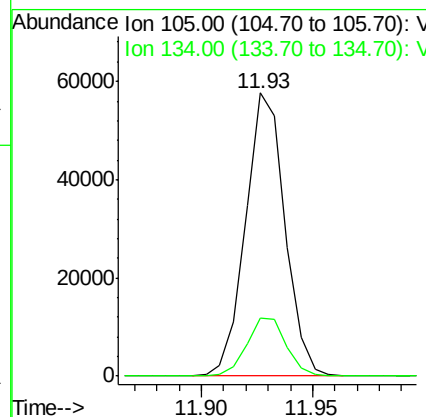
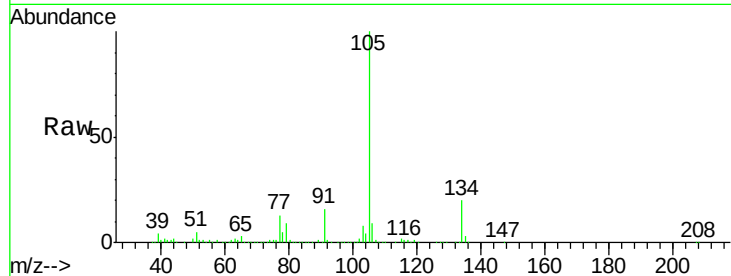
#81
 sec-Butylbenzene
 Concen: 5.092 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.9	0.0	42.6

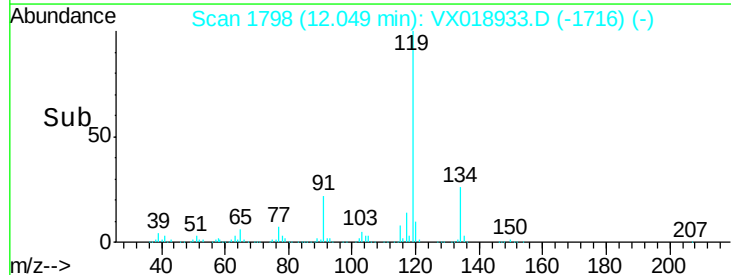
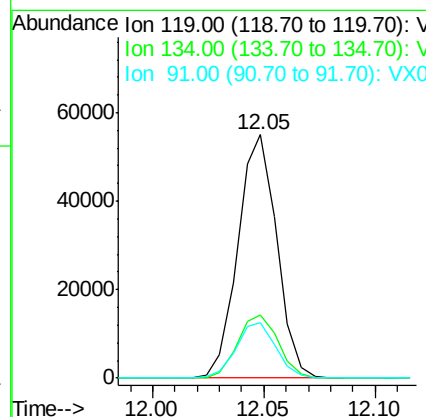
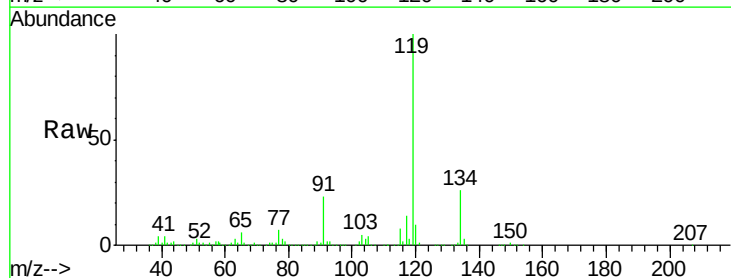
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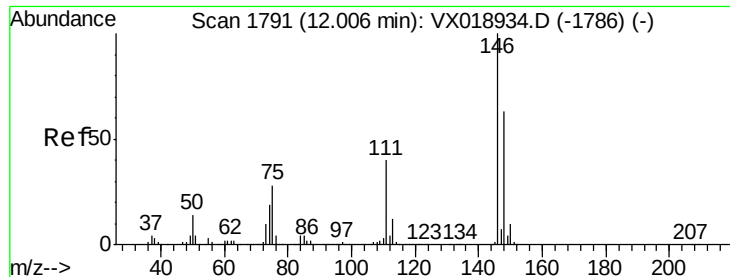
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#82
 p-Isopropyltoluene
 Concen: 5.127 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	0.0	54.8
91	22.8	0.0	45.4





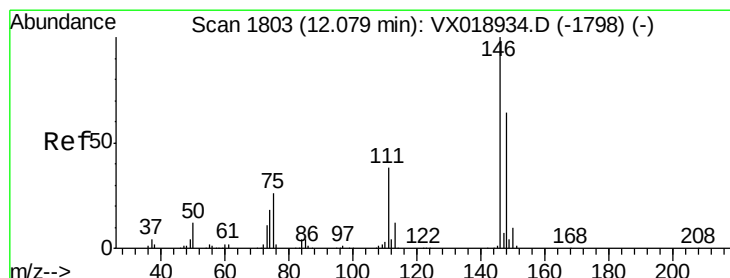
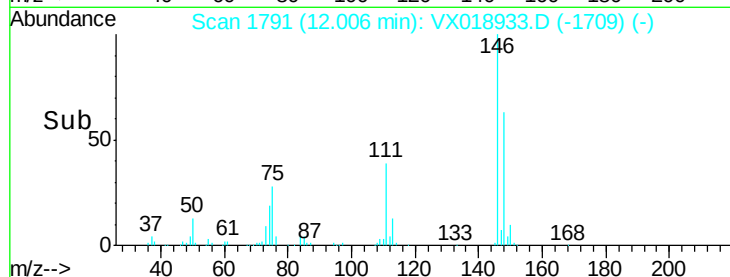
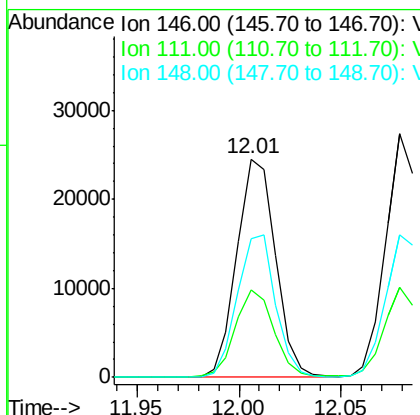
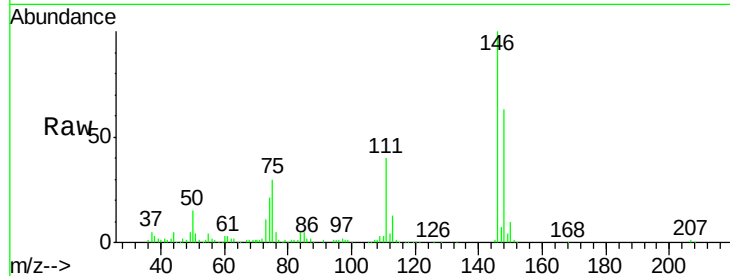
#83
 1,3-Dichlorobenzene
 Concen: 4.746 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.9	59.7
148	64.5	31.9	95.5

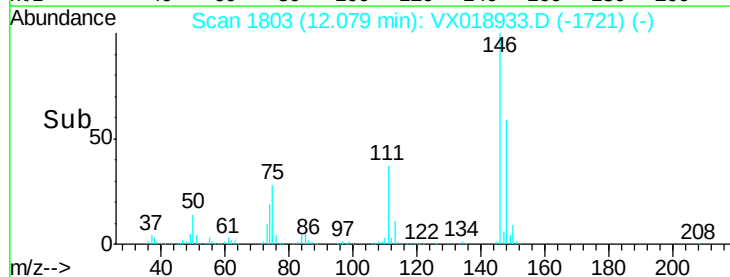
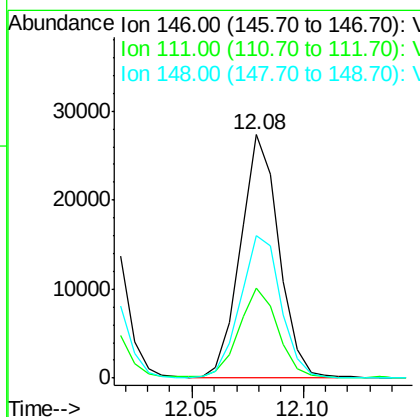
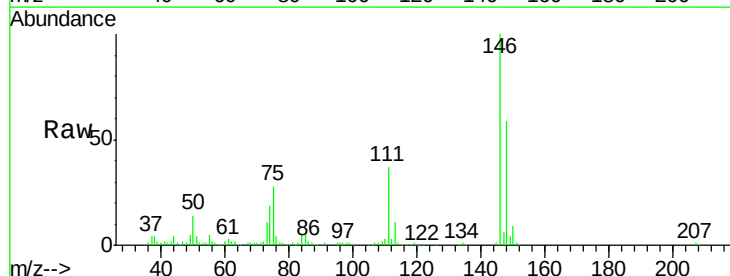
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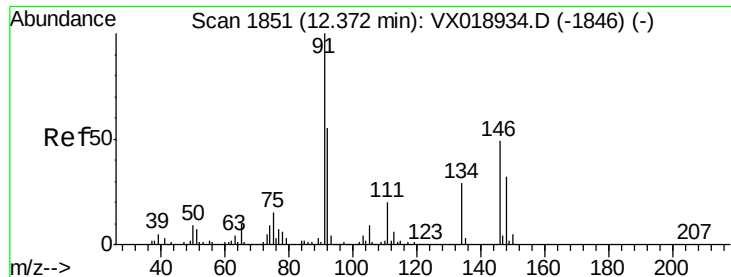
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#84
 1,4-Dichlorobenzene
 Concen: 4.812 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	55.6
148	62.3	32.1	96.5





#85

n-Butylbenzene

Concen: 5.122 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

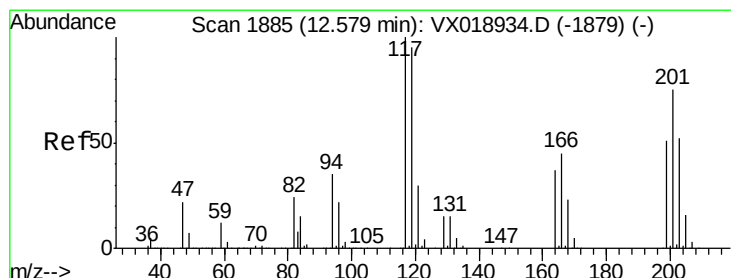
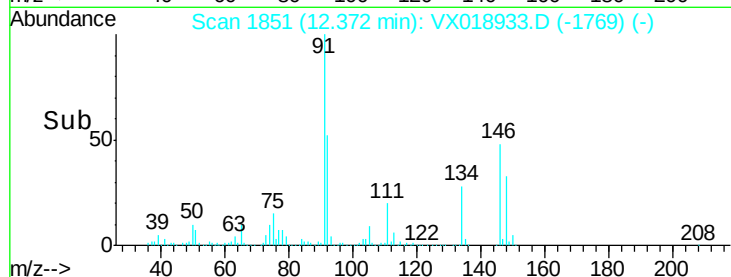
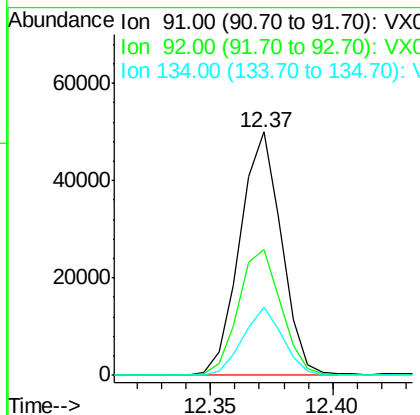
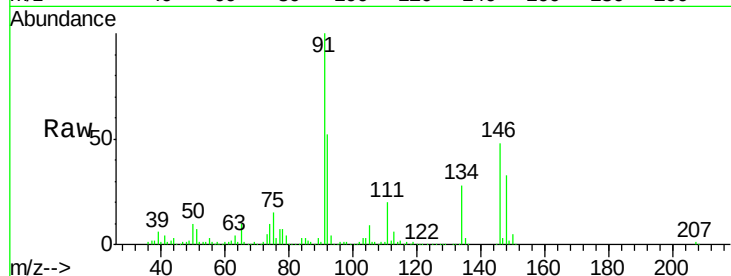
ClientSampleId :

VSTDIC005

Tot Ion:	91	Resp:	58763
Ion	Ratio	Lower	Upper
91	100		
92	53.9	0.0	109.6
134	27.3	0.0	56.4

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#86

Hexachloroethane

Concen: 4.406 ug/l

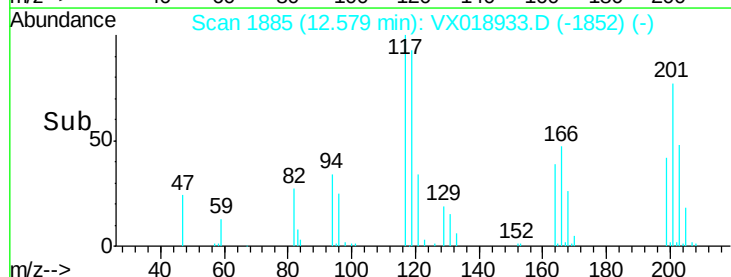
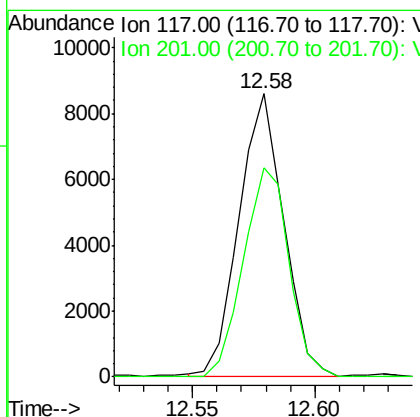
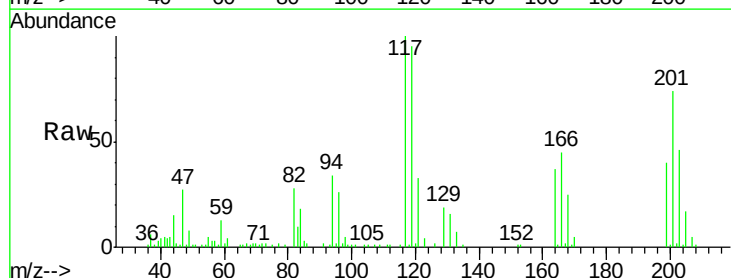
RT: 12.58 min Scan# 1885

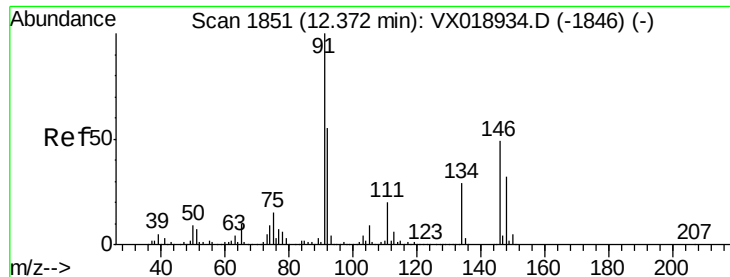
Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Tgt Ion:	117	Resp:	10988
Ion	Ratio	Lower	Upper
117	100		
201	75.1	38.9	116.6





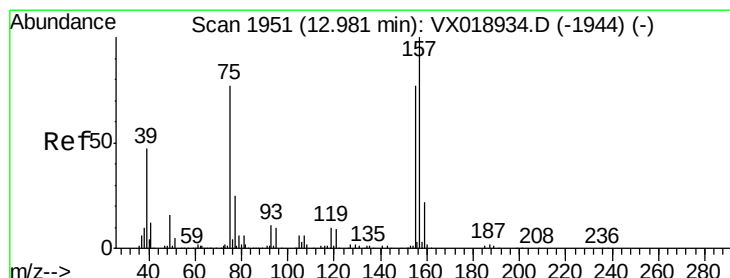
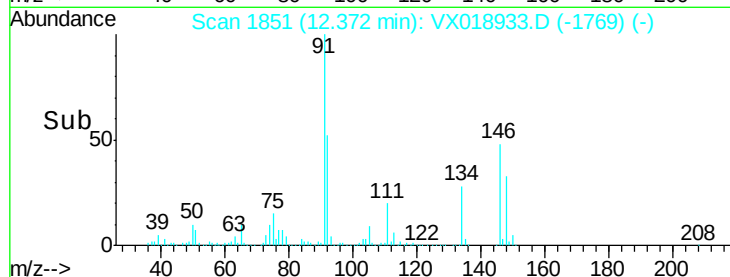
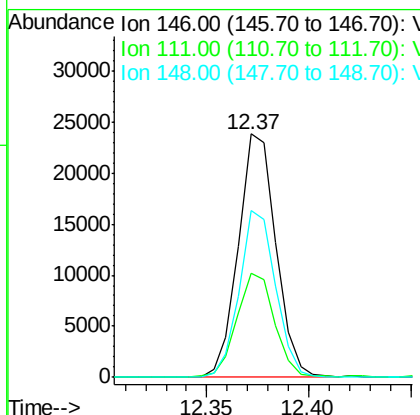
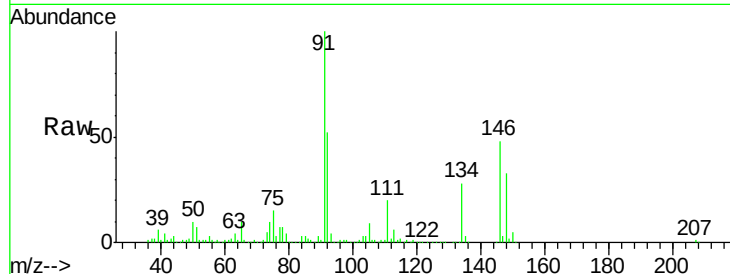
#87
 1,2-Dichlorobenzene
 Concen: 4.752 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	19.9	59.6
148	66.2	31.9	95.7

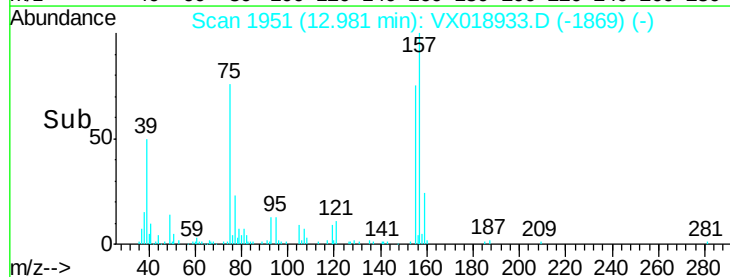
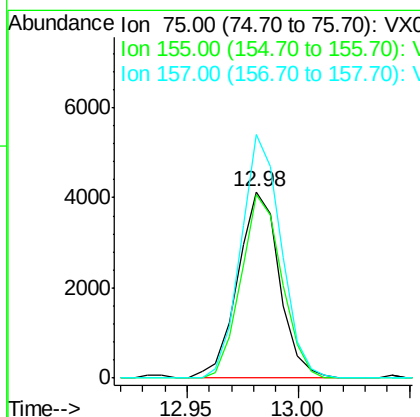
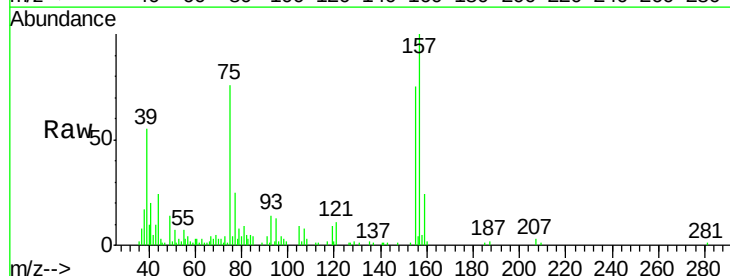
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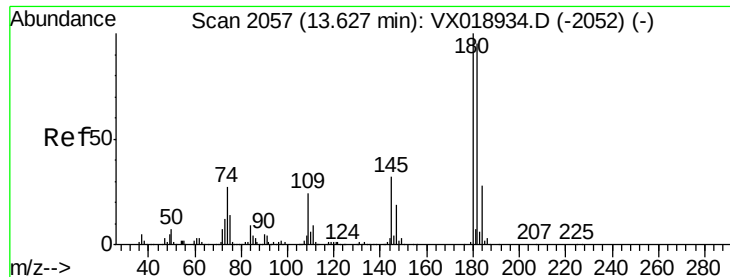
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.627 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.9	79.3	118.9
157	126.0	104.2	156.4





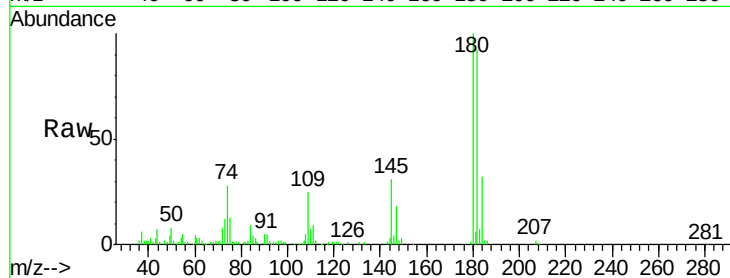
#89
 1,2,4-Trichlorobenzene
 Concen: 4.924 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.4	113.2
145	31.2	24.8	37.2

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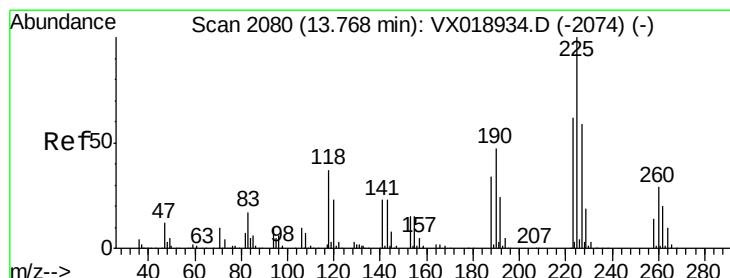
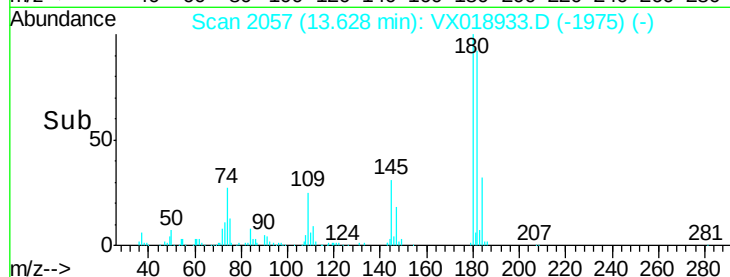
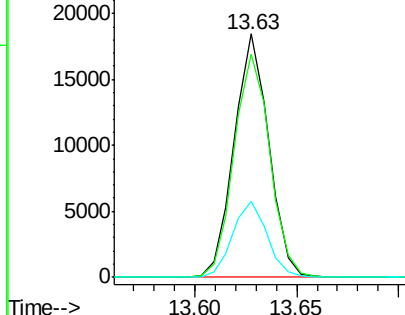


Abundance

Ion 180.00 (179.70 to 180.70): V

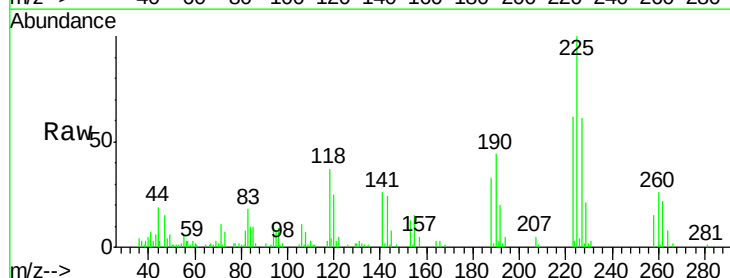
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 5.273 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	0.0	128.8
227	59.3	0.0	123.2

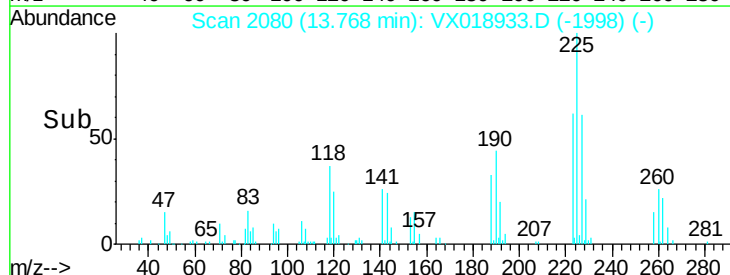
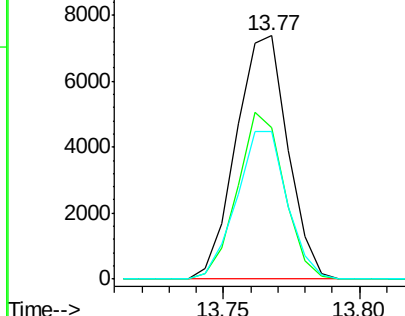


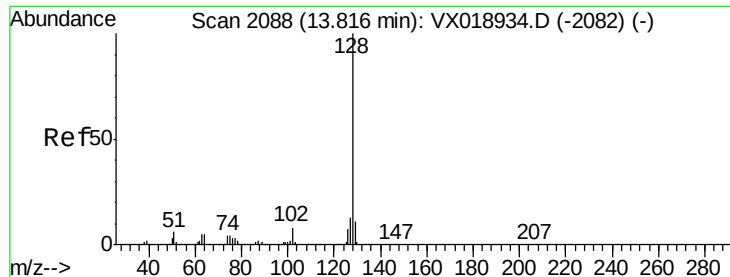
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





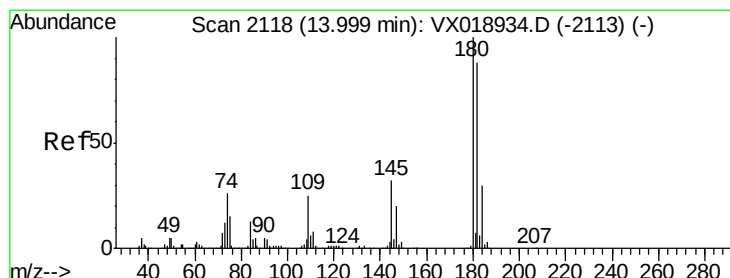
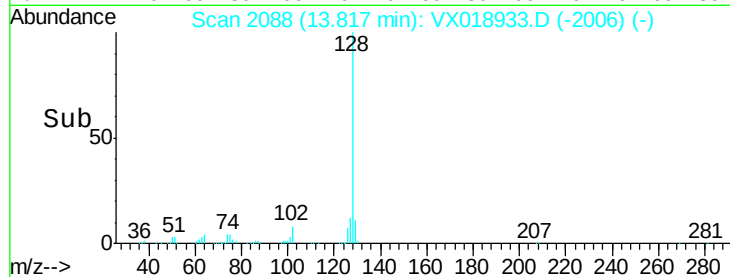
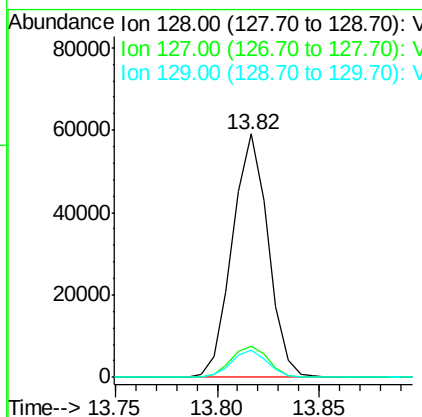
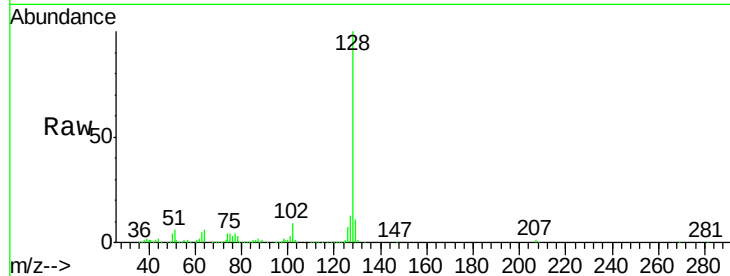
#91
Naphthalene
Concen: 5.108 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	11.3	8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 4.720 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.3	0.0	190.8
145	34.5	0.0	64.4

