

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019486.D
 Acq On : 19 Nov 2020 23:10
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 12:25:20 PM

Quant Time: Nov 20 03:12:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 20 01:06:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	46666	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	257098	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	240817	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	101508	30.27	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.90%
60) 4-Bromofluorobenzene	11.12	95	115671	29.45	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.17%
63) Toluene-d8	8.70	98	322771	30.07	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.23%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	49239	18.983	ug/l 100
3) Chloromethane	1.31	50	55082	19.099	ug/l 98
4) Vinyl Chloride	1.39	62	58940	18.544	ug/l 98
5) Bromomethane	1.62	94	23028	19.025	ug/l 95
6) Chloroethane	1.69	64	37907	41.946	ug/l 100
7) Trichlorofluoromethane	1.90	101	81626	18.024	ug/l 99
8) Diethyl Ether	2.17	74	33522	18.145	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	46623	18.181	ug/l 98
10) 1,1-Dichloroethene	2.35	96	45628	17.661	ug/l 96
11) Methyl Iodide	2.48	142	55739	17.032	ug/l 99
12) Methyl Acetate	2.75	43	56481	18.233	ug/l 96
13) Acrolein	2.28	56	43115	93.079	ug/l 99
14) Acrylonitrile	3.12	53	140174	92.771	ug/l 99
15) Acetone	2.42	58	38170	86.998	ug/l 98
16) Carbon Disulfide	2.54	76	116926	17.098	ug/l 99
17) Allyl chloride	2.70	41	68508	17.639	ug/l 98
18) Methylene Chloride	2.83	84	58061	18.581	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	52081	18.049	ug/l 96
20) Diisopropyl ether	3.82	45	152796	18.322	ug/l 95
21) 1,1-Dichloroethane	3.67	63	92582	18.244	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	60213	18.030	ug/l 97
23) tert-Butyl Alcohol	3.03	59	52885	81.497	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	162248	18.265	ug/l 99
25) Chloroform	5.17	83	97136	18.224	ug/l 95
26) Cyclohexane	5.54	56	78029	17.962	ug/l # 97
29) 1,1-Dichloropropene	5.76	75	70157	17.760	ug/l 98
30) 2-Butanone	4.64	43	175159	87.777	ug/l 100
31) 2,2-Dichloropropane	4.54	77	71057	16.004	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	82288	17.757	ug/l 99
33) Carbon Tetrachloride	5.75	117	68504	17.418	ug/l 100
34) Benzene	6.11	78	221156	18.019	ug/l 100
35) Methacrylonitrile	5.01	41	37154	18.054	ug/l 96
36) 1,2-Dichloroethane	6.16	62	77687	18.287	ug/l 100
37) Trichloroethene	7.18	130	57019	17.524	ug/l 99
38) Methylcyclohexane	7.44	83	81229	17.015	ug/l 99
39) 1,2-Dichloropropane	7.49	63	55525	18.322	ug/l 99
40) Dibromomethane	7.63	93	37144	17.621	ug/l 96

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	72915	17.601	ug/l	100
42) Vinyl Acetate	3.78	43	645674	89.955	ug/l	100
43) Ethyl Acetate	4.79	43	70566	18.372	ug/l	95
44) Isopropyl Acetate	6.41	43	111171	17.834	ug/l	100
45) 1,4-Dioxane	7.71	88	23841	341.194	ug/l	97
46) Methyl methacrylate	7.74	41	54713	17.933	ug/l	96
47) n-amyl Acetate	10.88	43	91149	17.522	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	76743	17.061	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	86566	17.421	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	57448	18.198	ug/l	96
51) Ethyl methacrylate	9.16	69	80753	17.875	ug/l	96
52) 1,3-Dichloropropane	9.35	76	96621	18.326	ug/l	98
53) Dibromochloromethane	9.56	129	55312	17.579	ug/l	100
54) 1,2-Dibromoethane	9.65	107	60216	18.449	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	228111	91.762	ug/l	99
56) Bromoform	10.84	173	37545	16.838	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	350296	91.052	ug/l	100
59) 2-Hexanone	9.48	43	259822	87.562	ug/l	100
61) Tetrachloroethene	9.32	164	58110	18.517	ug/l	98
62) Toluene	8.76	91	241389	17.921	ug/l	99
64) Chlorobenzene	10.12	112	150452	18.339	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	53796	17.812	ug/l	99
66) Ethyl Benzene	10.23	91	262919	17.814	ug/l	97
67) m/p-Xylenes	10.34	106	198744	35.955	ug/l	99
68) o-Xylene	10.68	106	95899	18.303	ug/l	97
69) Styrene	10.70	104	159551	17.873	ug/l	99
70) Isopropylbenzene	11.00	105	254984	17.952	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	85802	17.694	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	78730m	18.060	ug/l	
73) Bromobenzene	11.24	156	62399	17.614	ug/l	99
74) n-propylbenzene	11.34	91	291249	17.635	ug/l	99
75) 2-Chlorotoluene	11.40	91	178187	17.994	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	213168	17.712	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	22914	15.337	ug/l	92
78) 4-Chlorotoluene	11.49	91	203365	17.570	ug/l	100
79) tert-butylbenzene	11.76	119	198711	17.214	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	214556	17.740	ug/l	98
81) sec-Butylbenzene	11.93	105	241472	17.426	ug/l	100
82) p-Isopropyltoluene	12.05	119	217350	17.248	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	110813	16.957	ug/l	96
84) 1,4-Dichlorobenzene	12.08	146	112267	16.978	ug/l	98
85) n-Butylbenzene	12.37	91	186820	16.247	ug/l	99
86) Hexachloroethane	12.58	117	34693	16.357	ug/l	97
87) 1,2-Dichlorobenzene	12.37	146	110402	17.087	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	12.98	75	16213	15.907	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	70190	16.276	ug/l	98
90) Hexachlorobutadiene	13.76	225	30672	15.823	ug/l	95
91) Naphthalene	13.82	128	225591	16.445	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	71000	16.468	ug/l	99

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QLast Update : Fri Nov 20 01:06:02 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

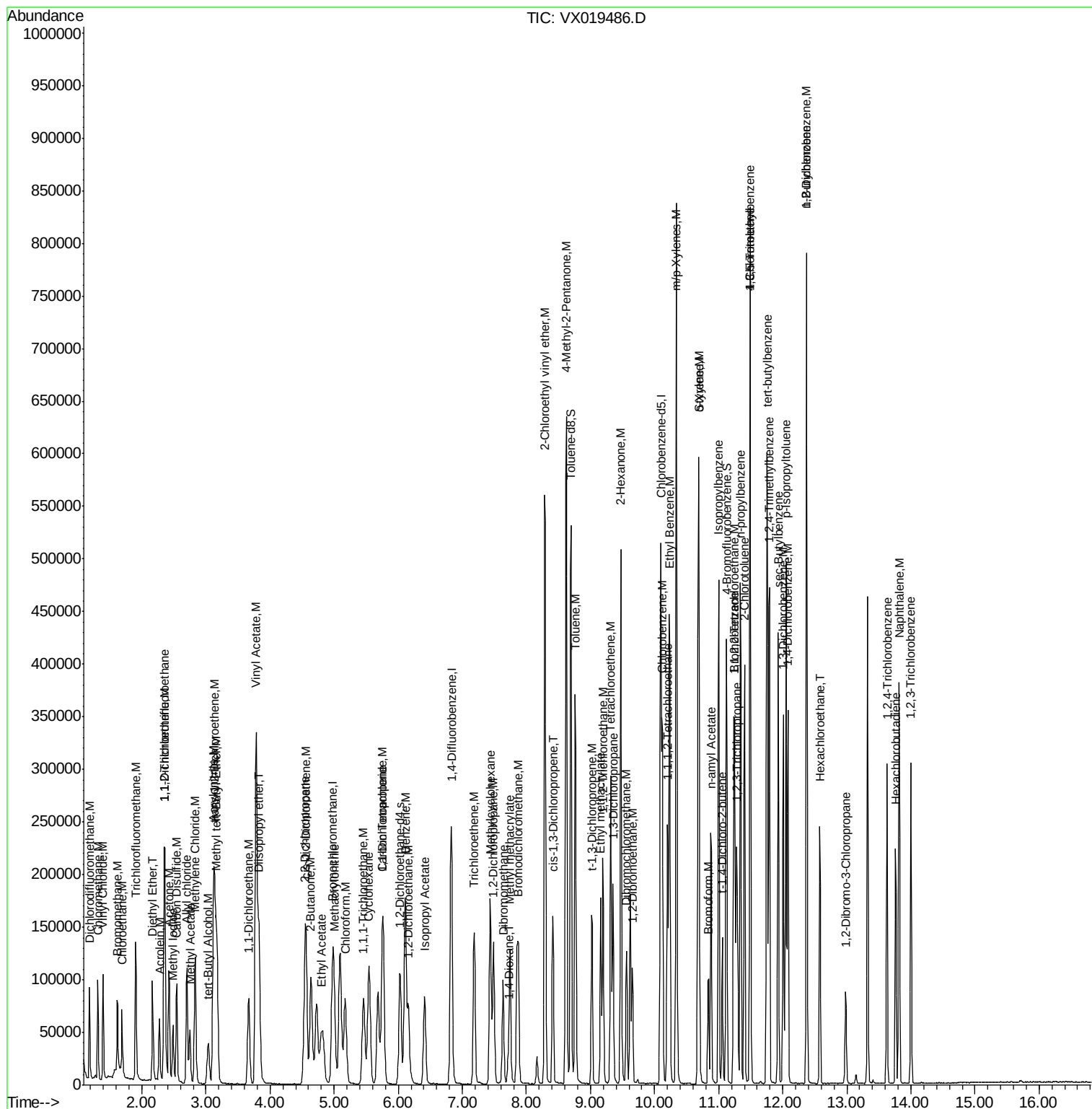
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
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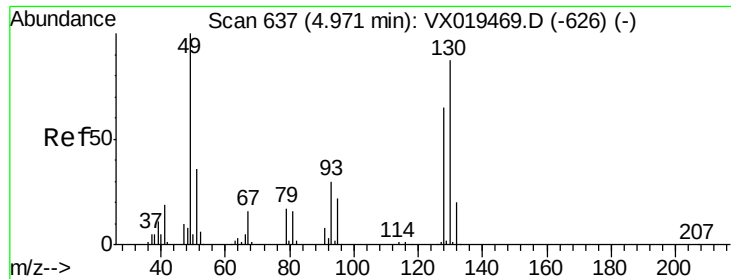
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

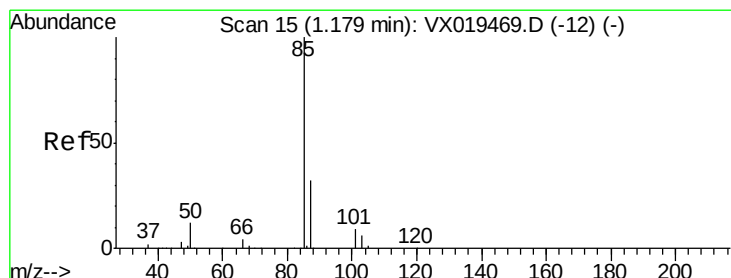
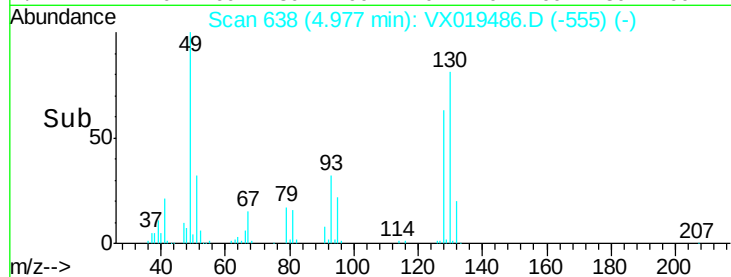
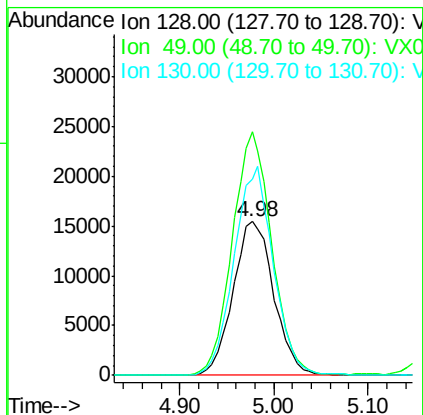
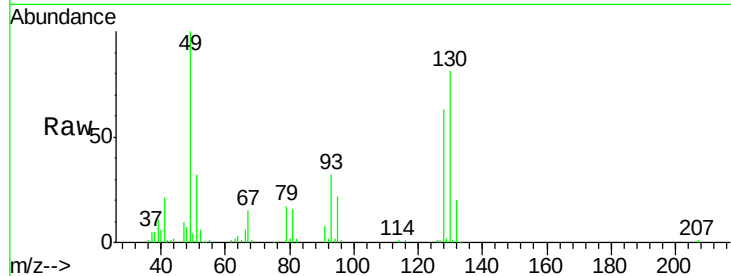
ClientSampleId :

VSTDCCC020EC

Tot Ion:	128	Resp:	46666
Ion	Ratio	Lower	Upper
128	100		
49	153.2	0.0	377.8
130	130.9	0.0	324.0

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 18.983 ug/l

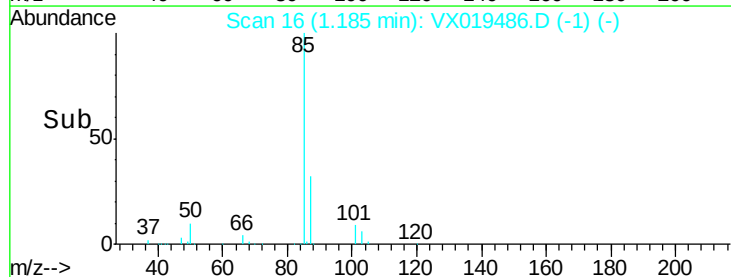
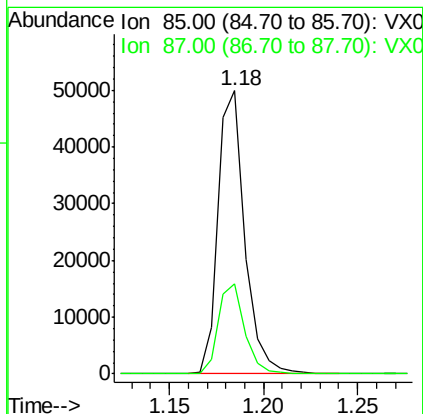
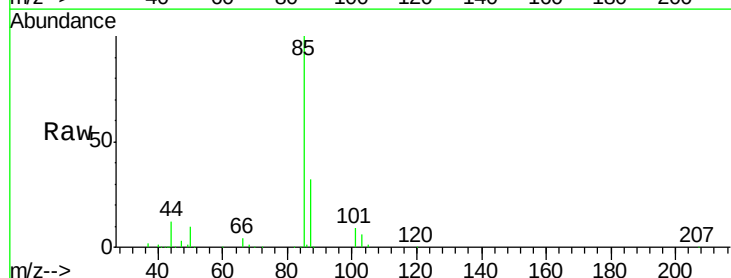
RT: 1.18 min Scan# 16

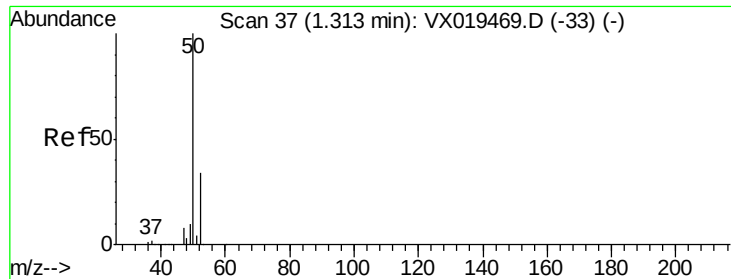
Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Tgt Ion:	85	Resp:	49239
Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.0	47.9





#3

Chloromethane

Concen: 19.099 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 55082

Ion Ratio Lower Upper

50 100

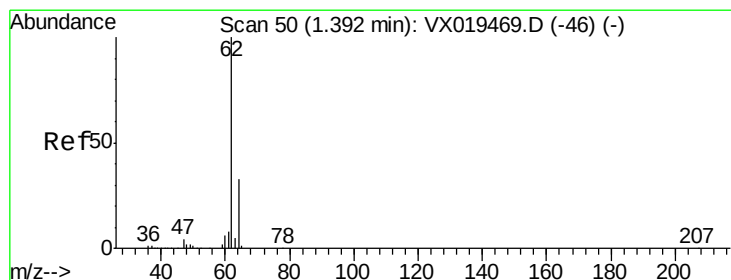
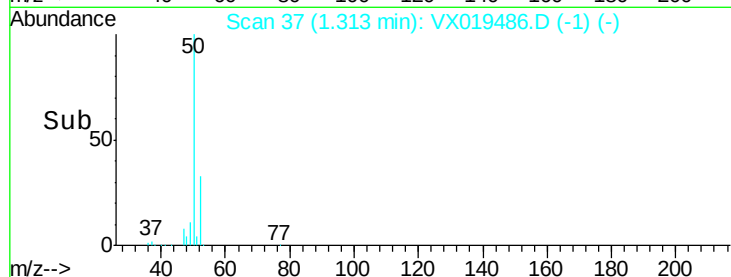
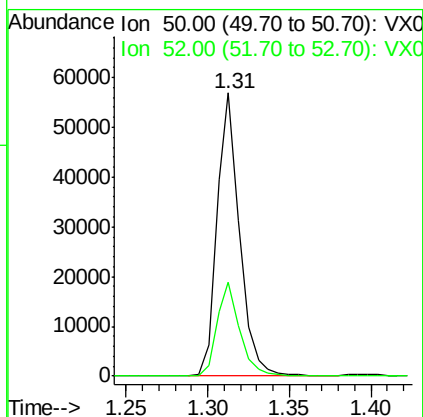
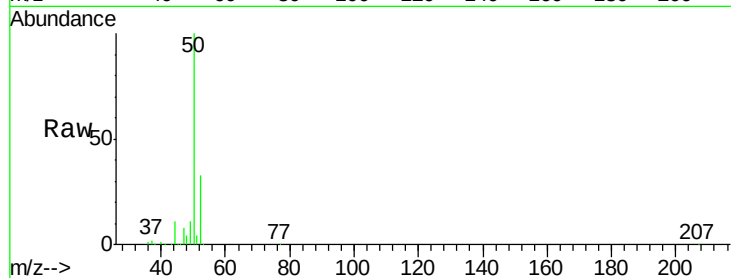
52 33.0 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.544 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019486.D

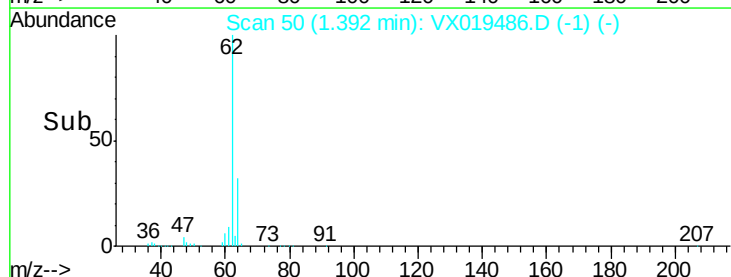
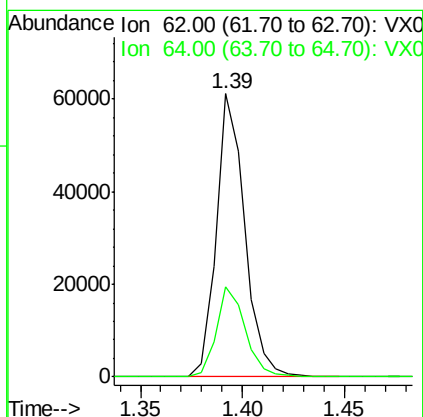
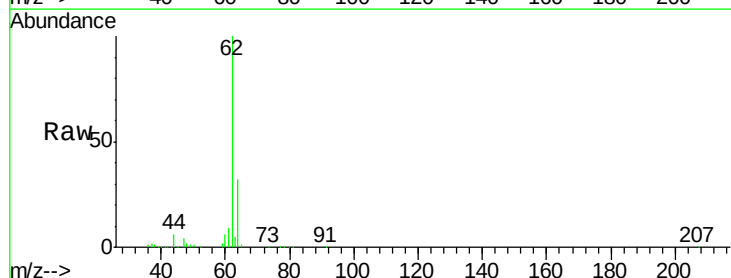
Acq: 19 Nov 2020 23:10

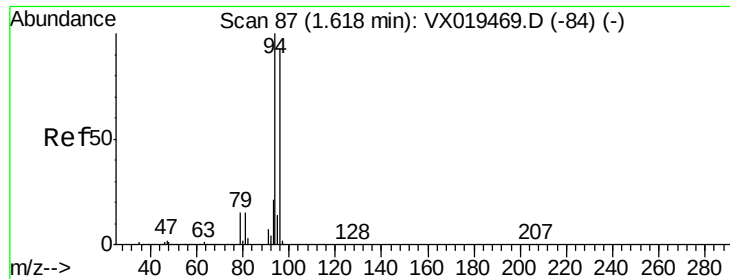
Tgt Ion: 62 Resp: 58940

Ion Ratio Lower Upper

62 100

64 31.8 26.4 39.6





#5

Bromomethane

Concen: 19.025 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 23028

Ion Ratio Lower Upper

94 100

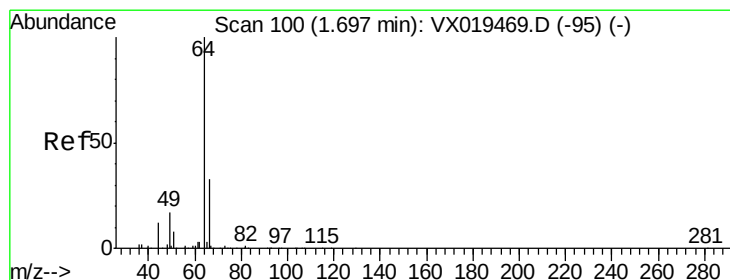
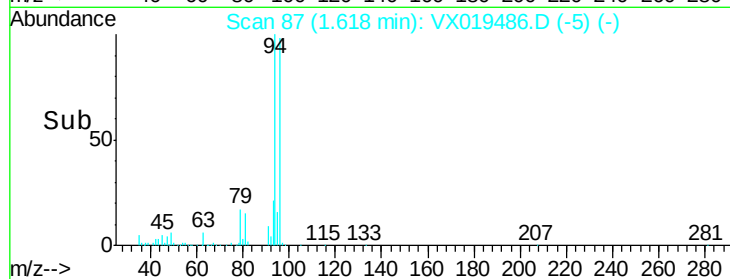
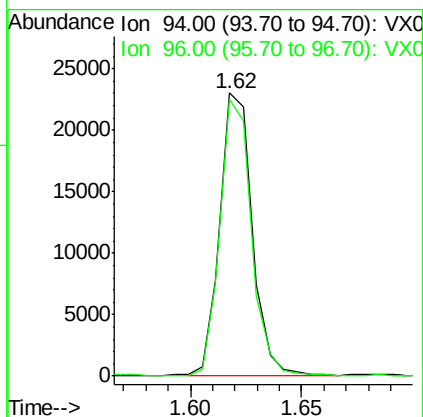
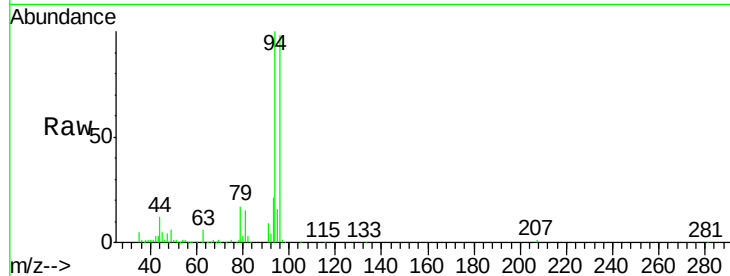
96 98.0 74.6 111.8

Manual Integrations

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#6

Chloroethane

Concen: 41.946 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX019486.D

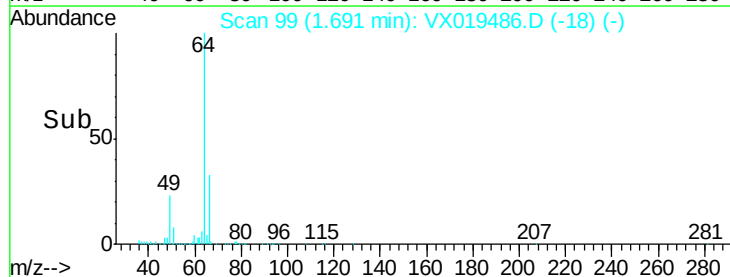
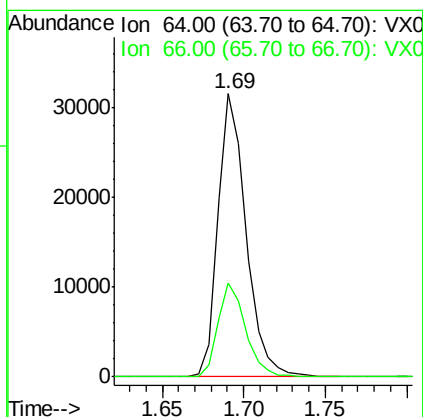
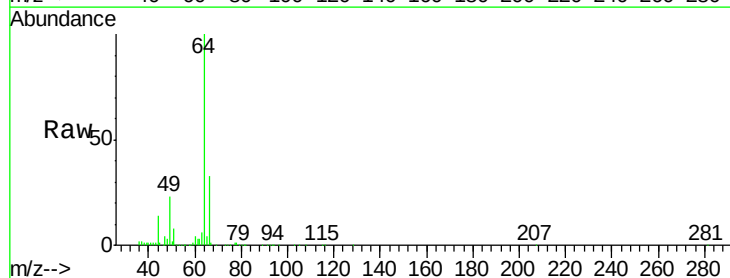
Acq: 19 Nov 2020 23:10

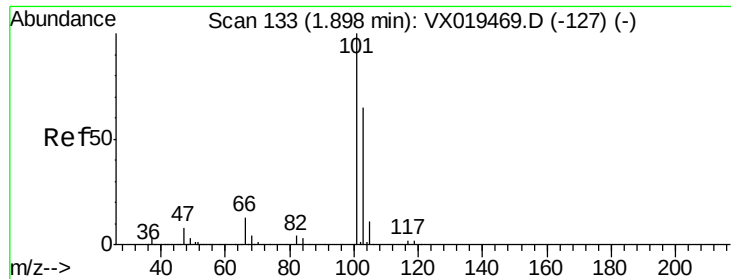
Tgt Ion: 64 Resp: 37907

Ion Ratio Lower Upper

64 100

66 33.1 26.6 40.0





#7

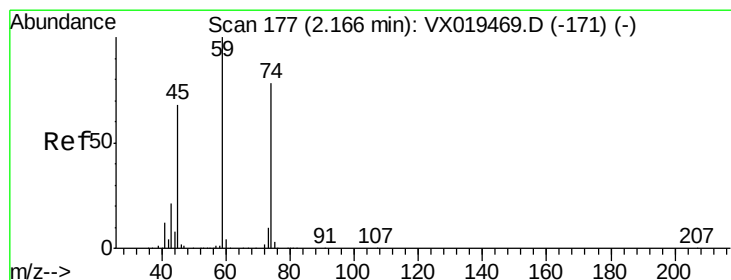
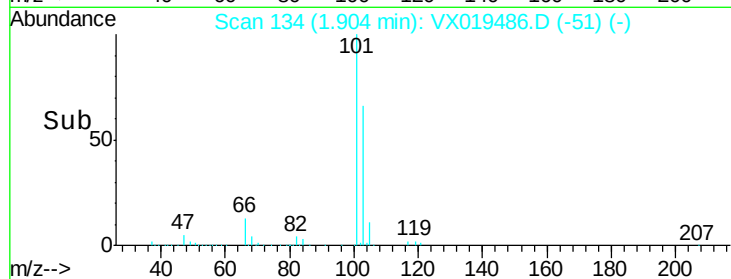
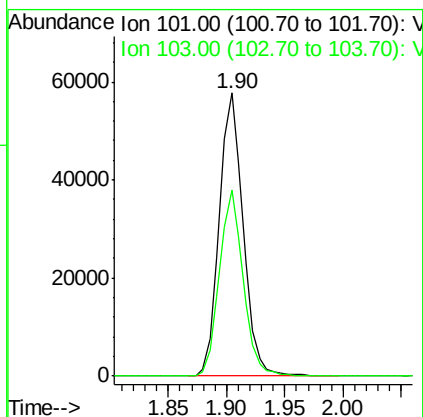
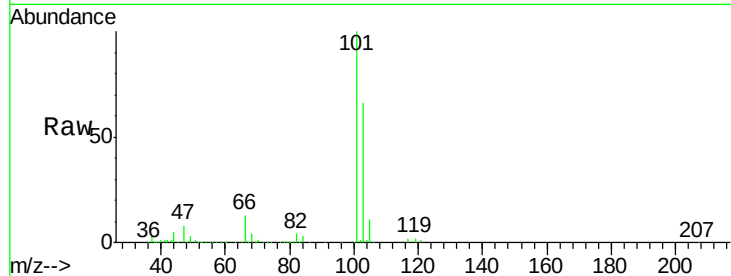
Trichlorofluoromethane
 Concen: 18.024 ug/l
 RT: 1.90 min Scan# 134
 Delta R.T. 0.01 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.8	77.6

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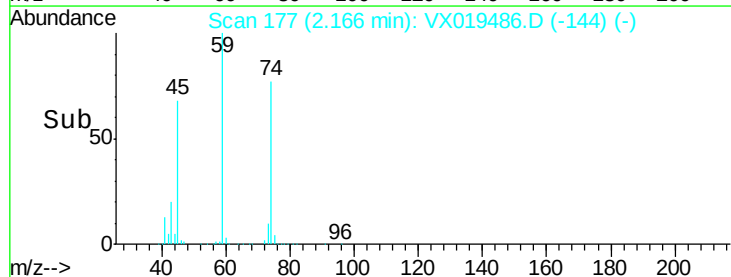
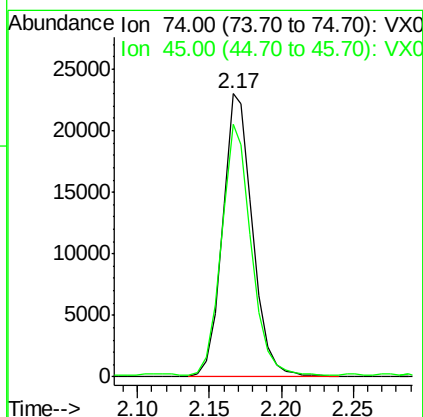
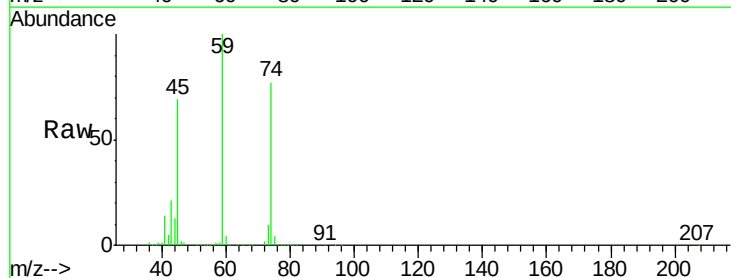
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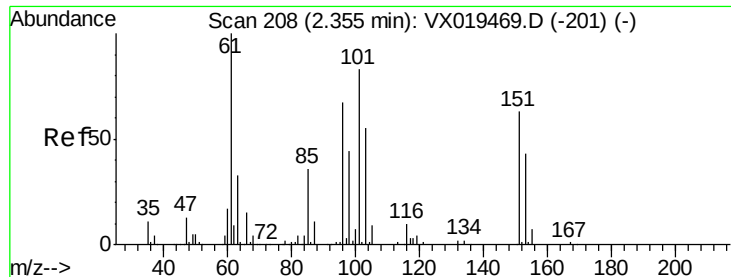


#8

Diethyl Ether
 Concen: 18.145 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.8	17.2	155.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.181 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

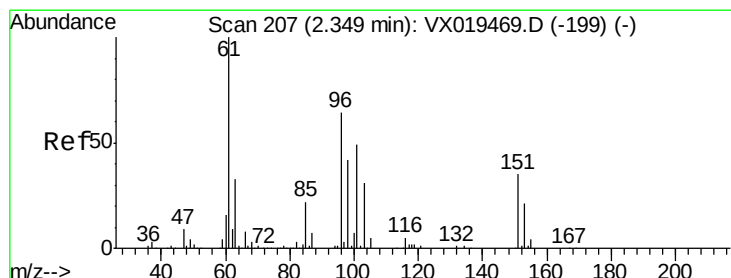
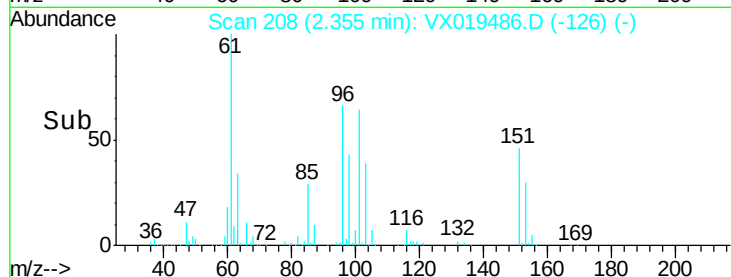
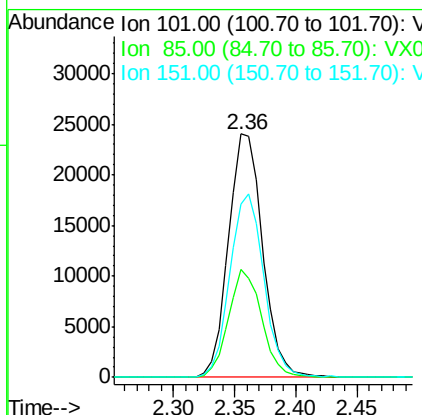
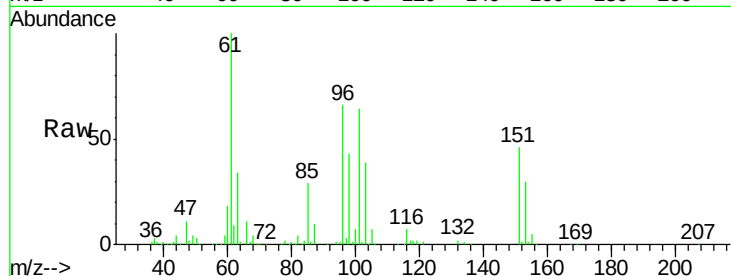
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	46623
Ion Ratio	Lower	Upper	
101	100		
85	43.0	0.0	88.8
151	74.9	0.0	153.0

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 17.661 ug/l

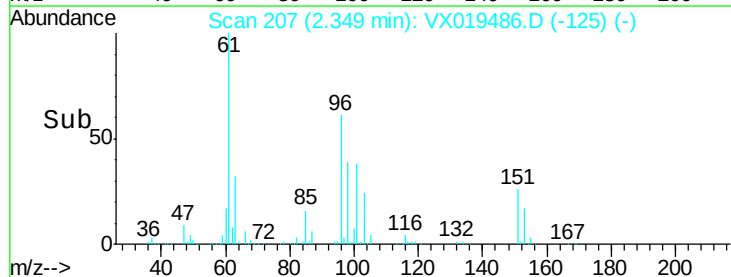
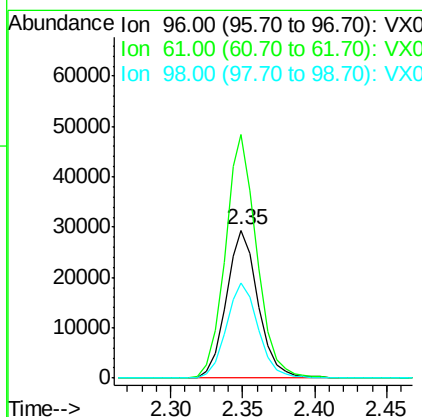
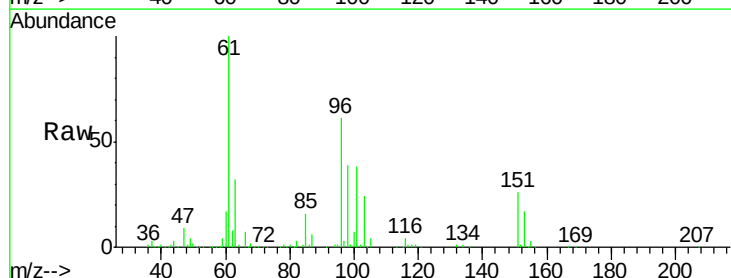
RT: 2.35 min Scan# 207

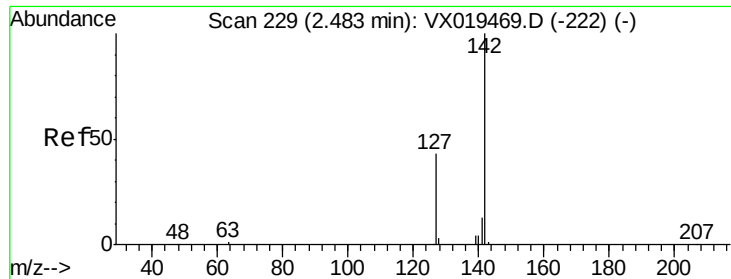
Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Tgt Ion:	96	Resp:	45628
Ion Ratio	Lower	Upper	
96	100		
61	164.1	125.4	188.2
98	64.1	52.4	78.6





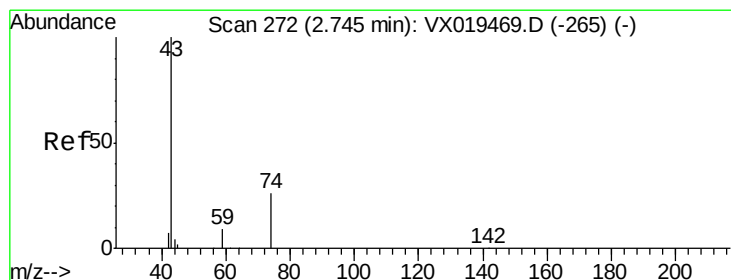
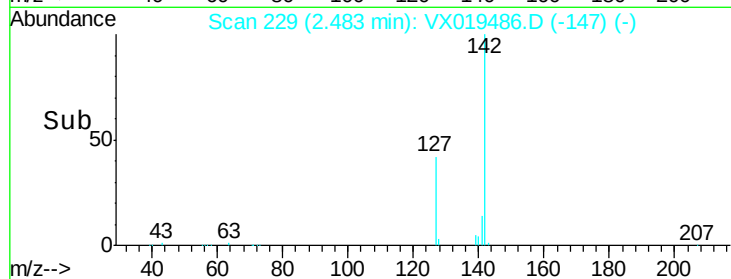
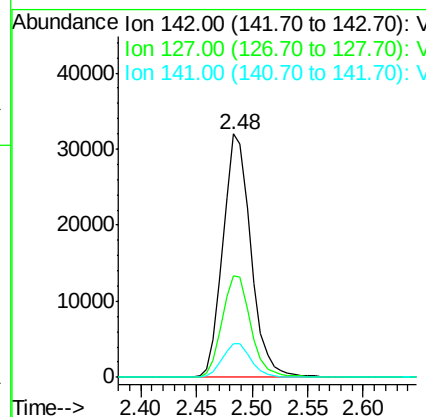
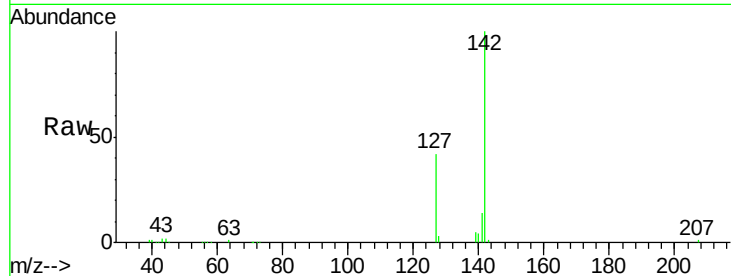
#11
Methyl Iodide
Concen: 17.032 ug/l
RT: 2.48 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.9	21.3	64.0
141	13.9	6.7	20.0

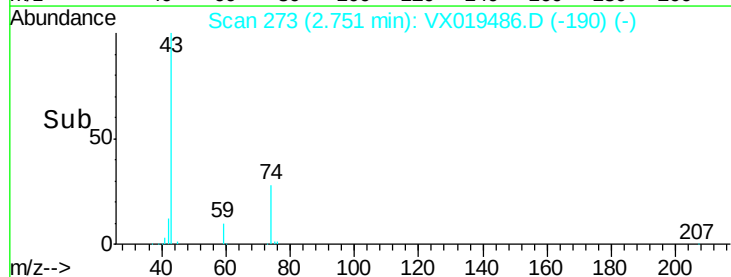
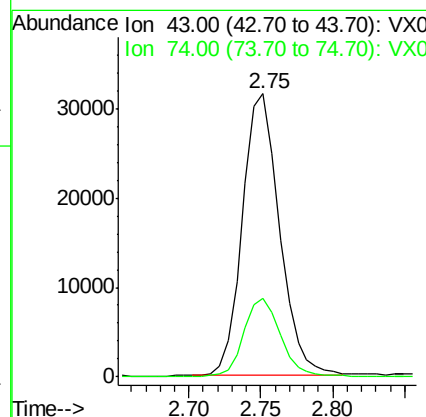
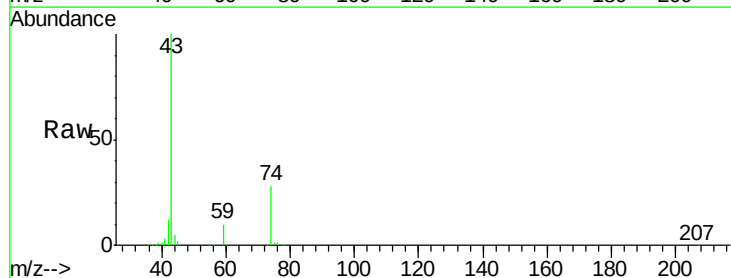
Manual Integrations
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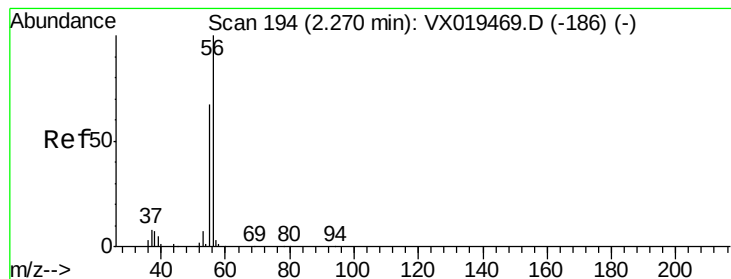
MMDadoda
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#12
Methyl Acetate
Concen: 18.233 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.8	20.7	31.1





#13

Acrolein

Concen: 93.079 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 43115

Ion Ratio Lower Upper

56 100

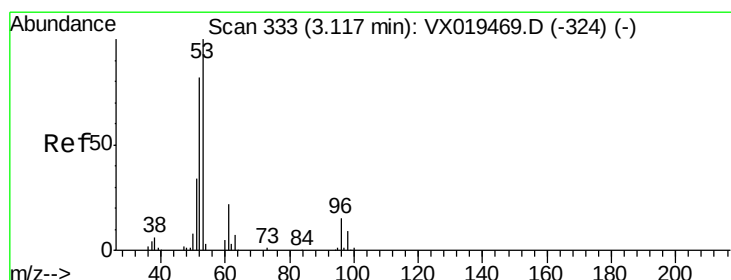
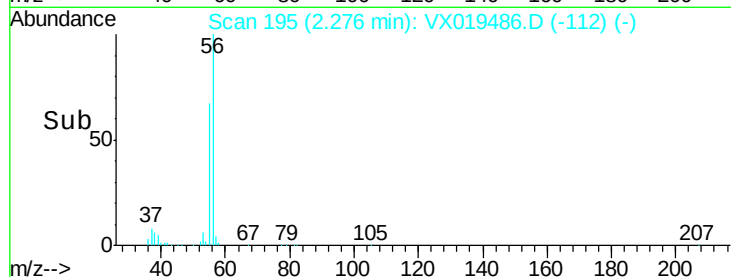
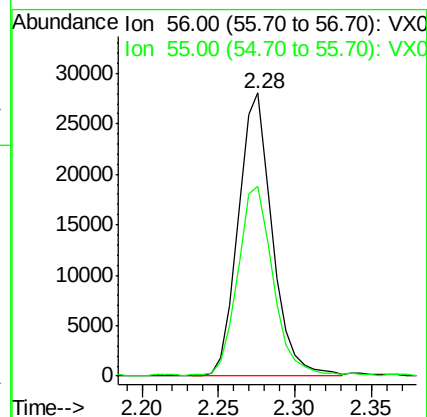
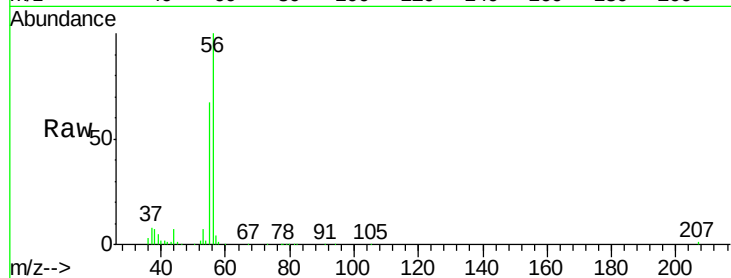
55 70.0 56.5 84.7

Manual Integrations

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#14

Acrylonitrile

Concen: 92.771 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

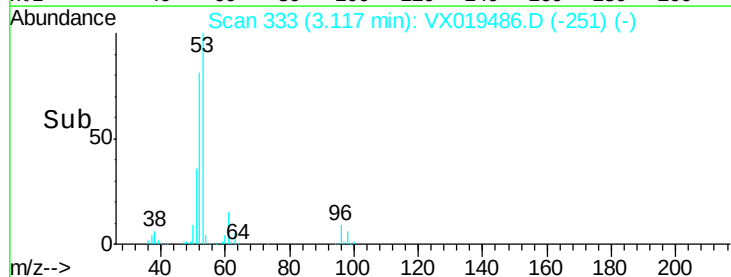
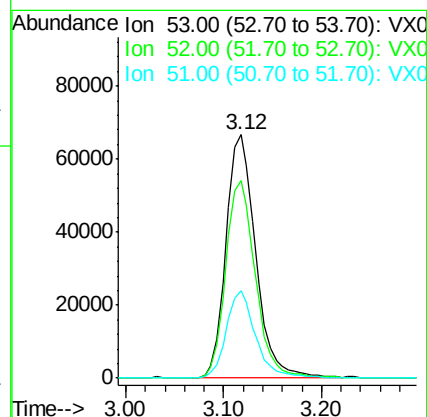
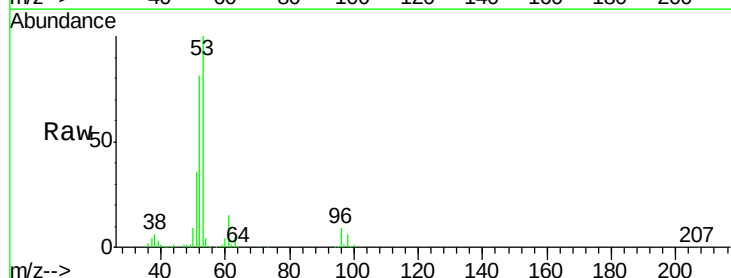
Tgt Ion: 53 Resp: 140174

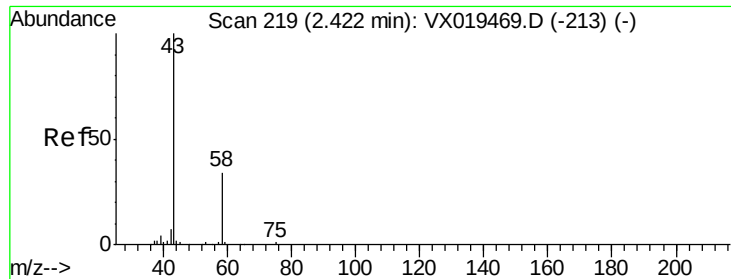
Ion Ratio Lower Upper

53 100

52 81.3 41.3 123.7

51 35.8 17.8 53.3





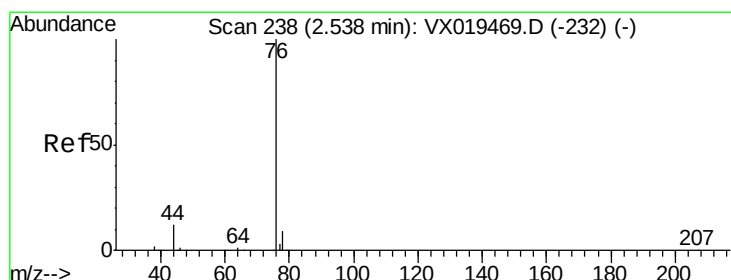
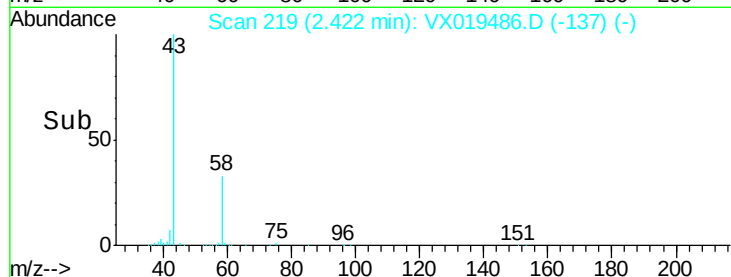
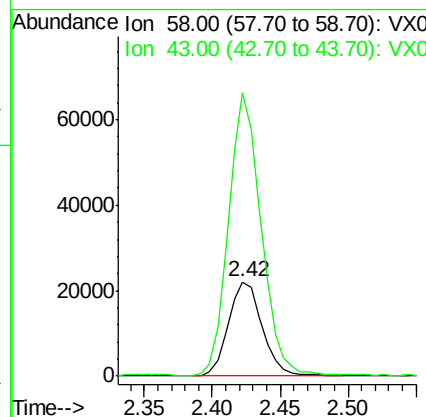
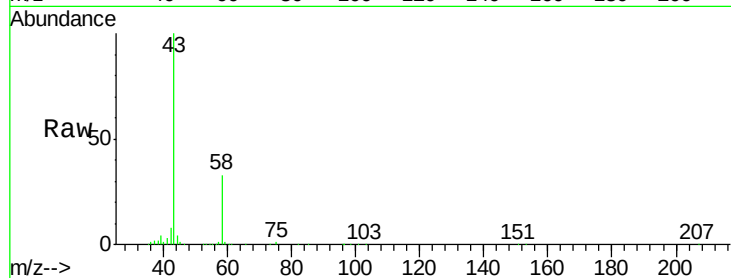
#15
Acetone
Concen: 86.998 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 58 Resp: 38170
Ion Ratio Lower Upper
58 100
43 299.1 236.3 354.5

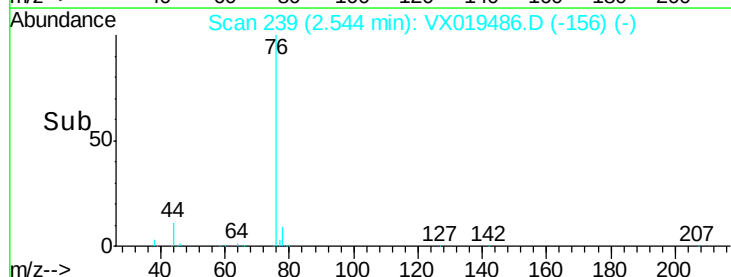
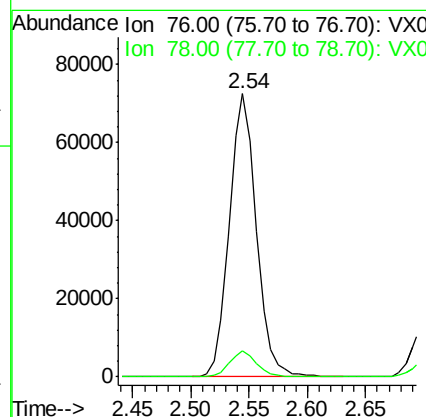
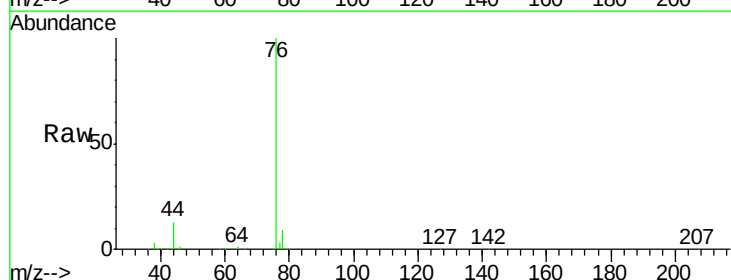
Manual Integrations
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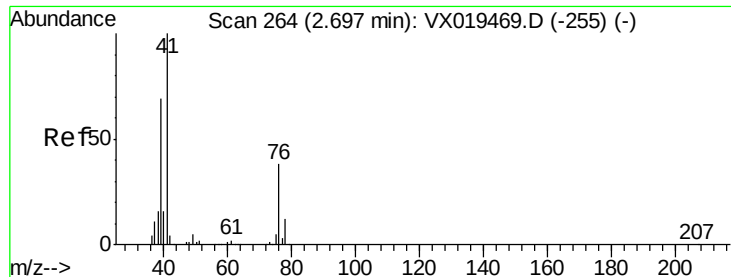
MMDadoda
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#16
Carbon Disulfide
Concen: 17.098 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion: 76 Resp: 116926
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6





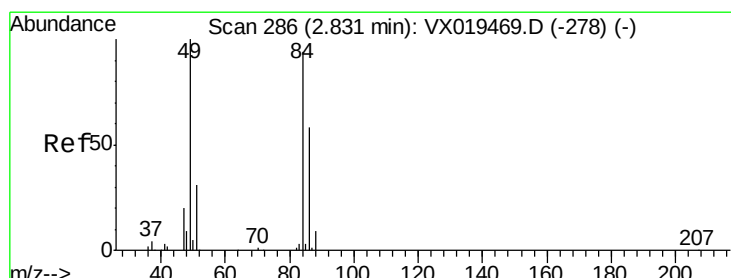
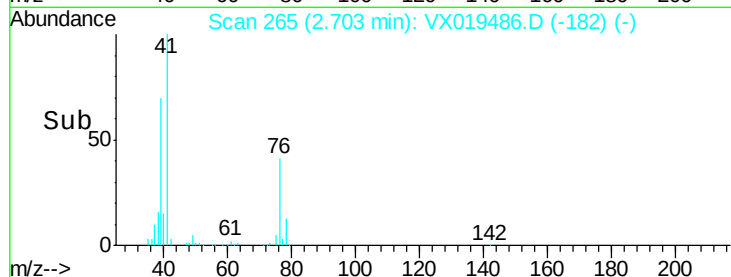
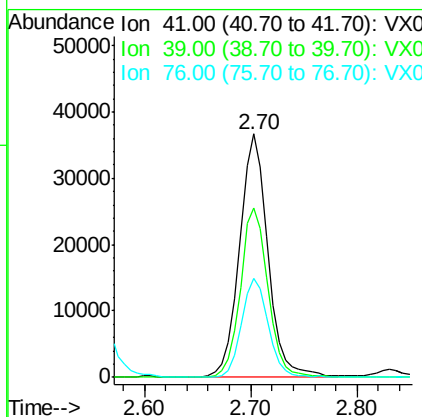
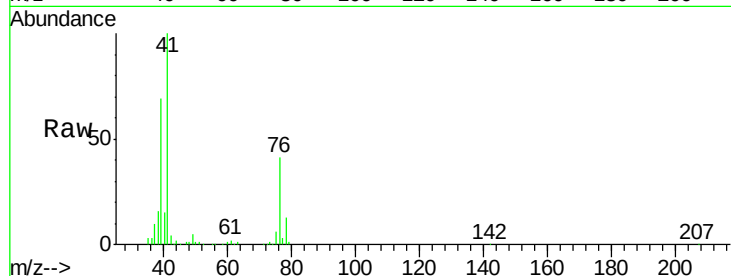
#17
Allvl chloride
Concen: 17.639 ug/l
RT: 2.70 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	69.4	34.5	103.6
76	41.0	19.3	57.8

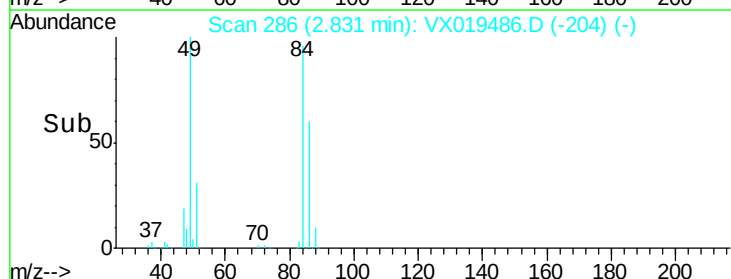
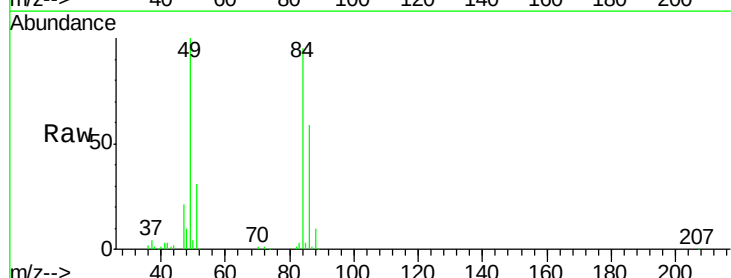
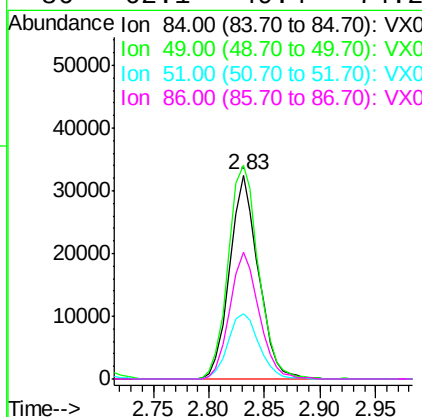
Manual Integrations
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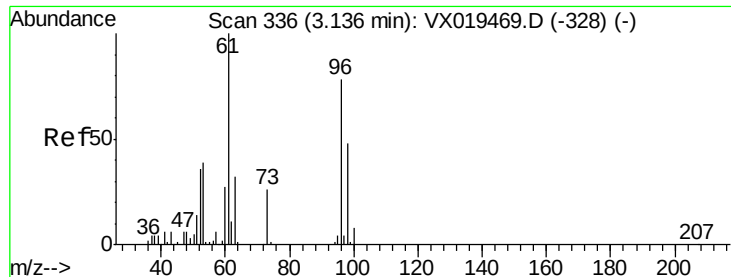
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#18
Methylene Chloride
Concen: 18.581 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	104.7	85.4	128.0
51	32.3	26.7	40.1
86	62.1	49.4	74.2





#19

trans-1,2-Dichloroethene

Concen: 18.049 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

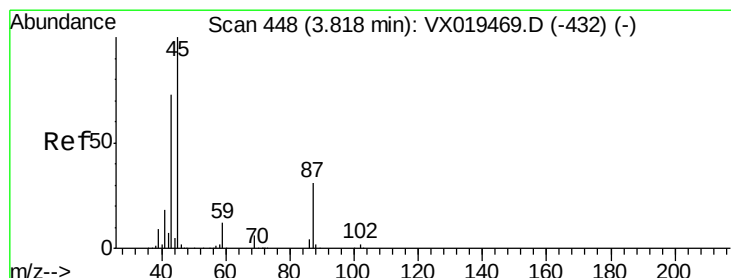
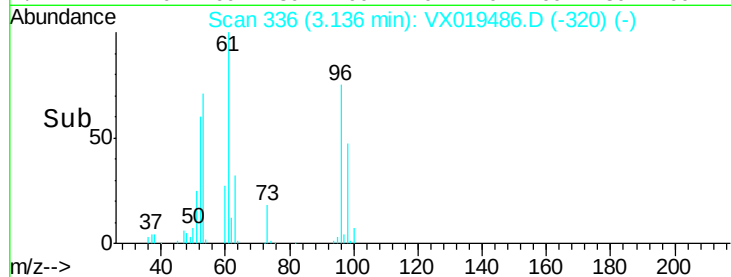
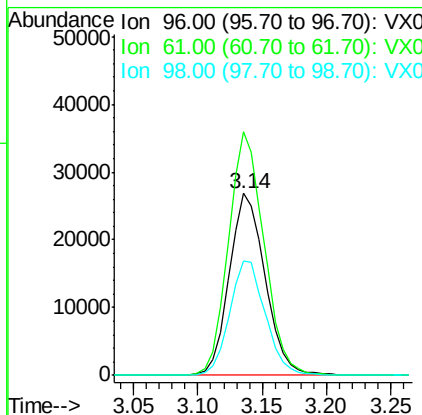
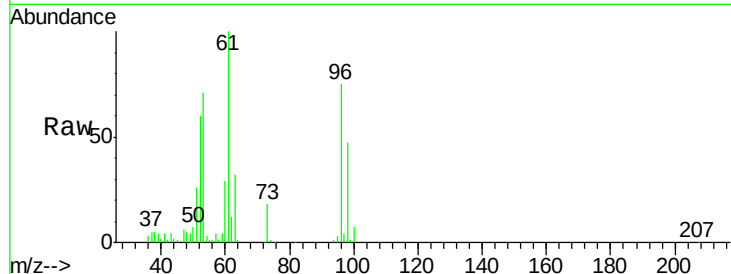
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	52081
Ion	Ratio	Lower	Upper
96	100		
61	134.0	103.2	154.8
98	63.2	49.2	73.8

Manual Integrations
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#20

Diisopropyl ether

Concen: 18.322 ug/l

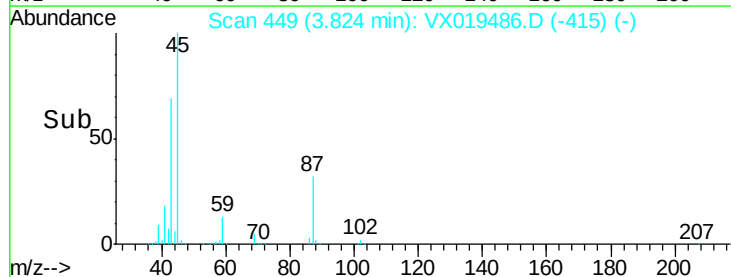
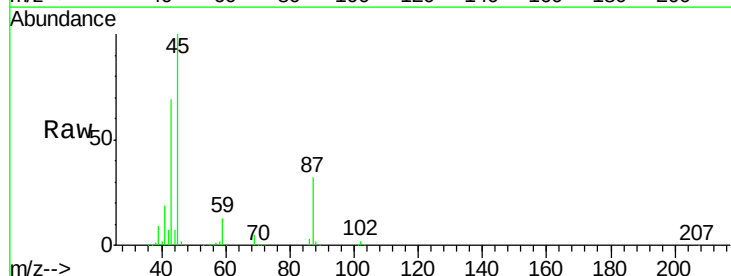
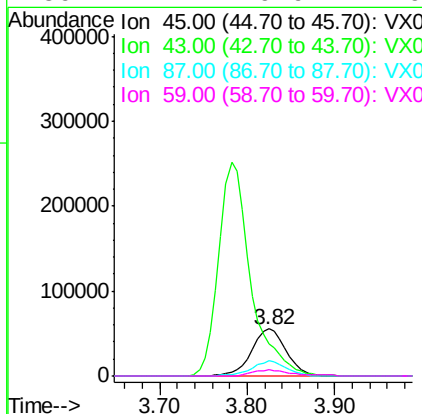
RT: 3.82 min Scan# 449

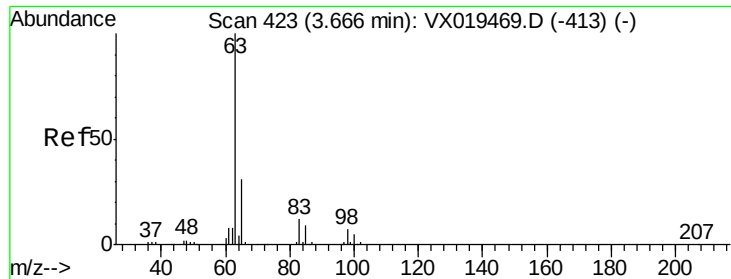
Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Tgt Ion:	45	Resp:	152796
Ion	Ratio	Lower	Upper
45	100		
43	68.5	58.7	88.1
87	32.4	24.5	36.7
59	12.7	9.9	14.9





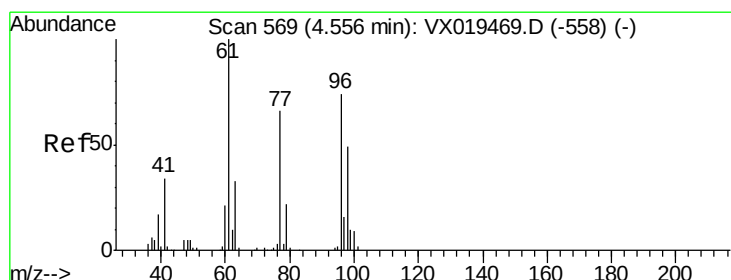
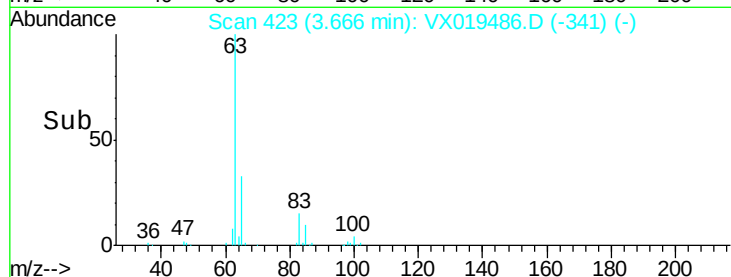
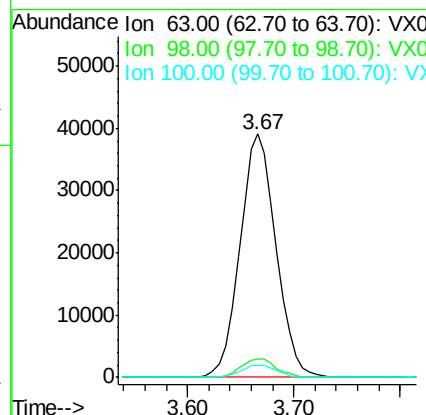
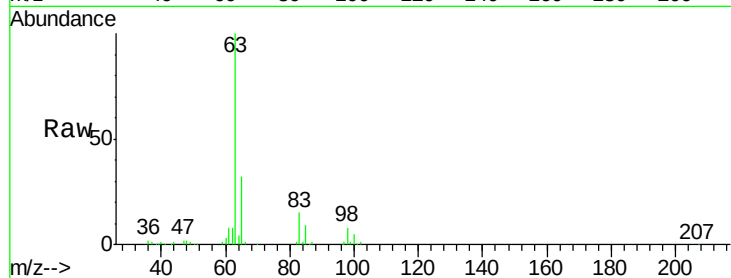
#21
 1,1-Dichloroethane
 Concen: 18.244 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	7.6		3.8	11.2
100	4.8		2.4	7.1

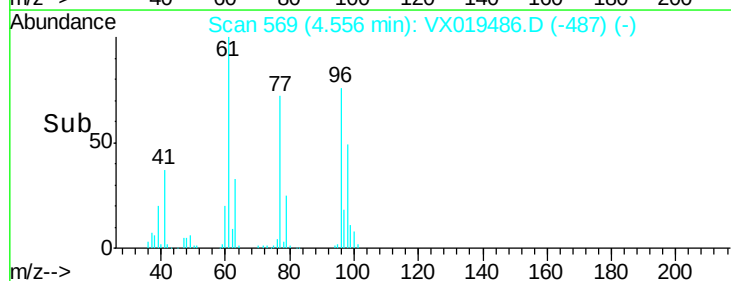
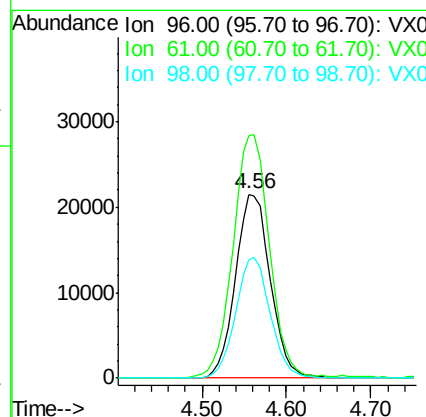
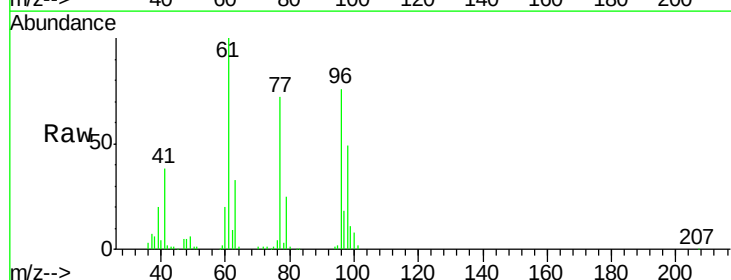
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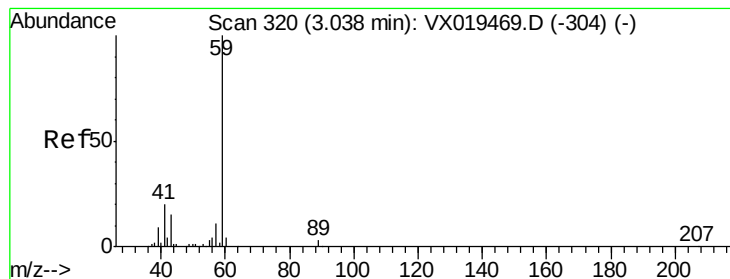
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#22
 cis-1,2-Dichloroethene
 Concen: 18.030 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	137.3		114.2	171.2
98	64.8		51.7	77.5





#23

tert-Butyl Alcohol

Concen: 81.497 ug/l

RT: 3.03 min Scan# 319

Delta R.T. -0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 59 Resp: 52885

Ion Ratio Lower Upper

59 100

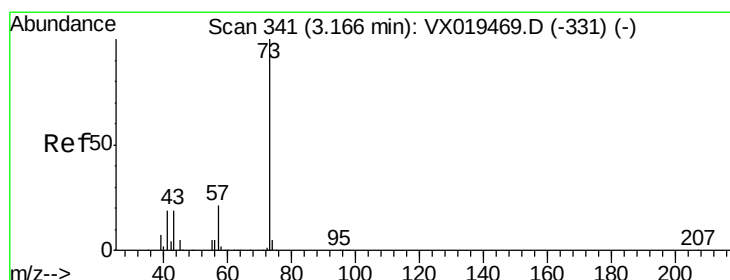
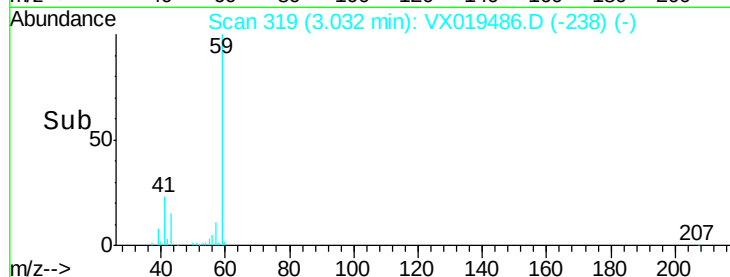
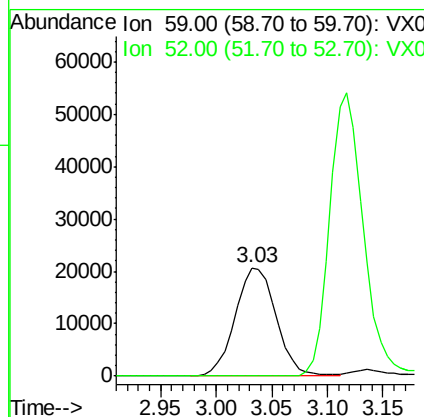
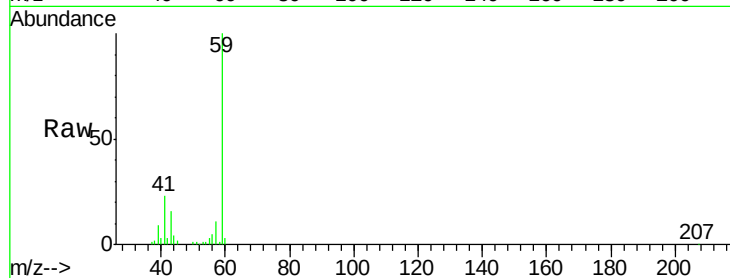
52 0.3 0.2 0.2#

Manual Integrations

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#24

Methyl tert-Butyl Ether

Concen: 18.265 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX019486.D

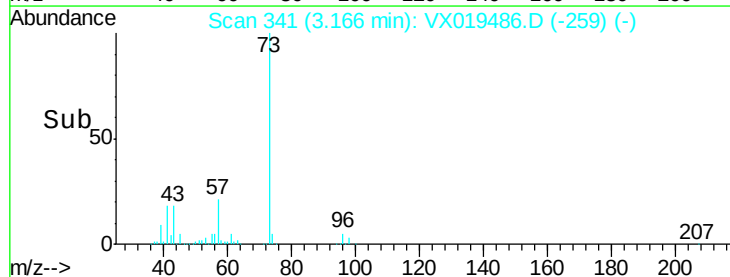
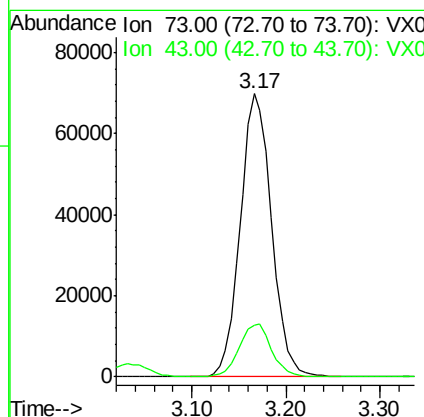
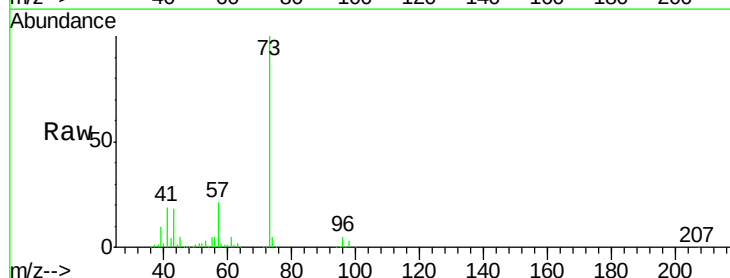
Acq: 19 Nov 2020 23:10

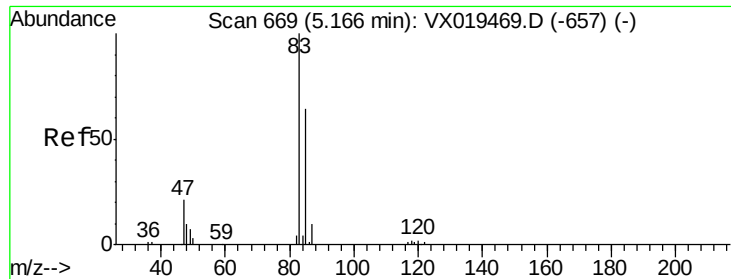
Tgt Ion: 73 Resp: 162248

Ion Ratio Lower Upper

73 100

43 19.1 15.0 22.6





#25

Chloroform

Concen: 18.224 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 97136

Ion Ratio Lower Upper

83 100

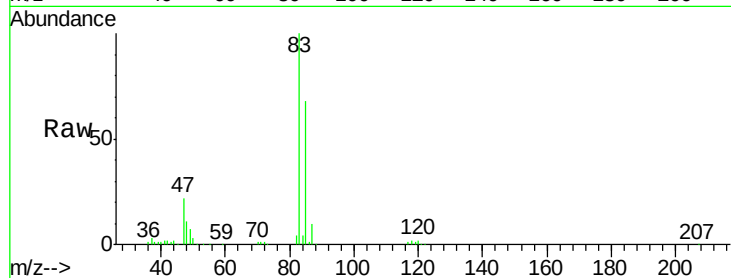
85 68.2 51.4 77.0

Manual Integrations

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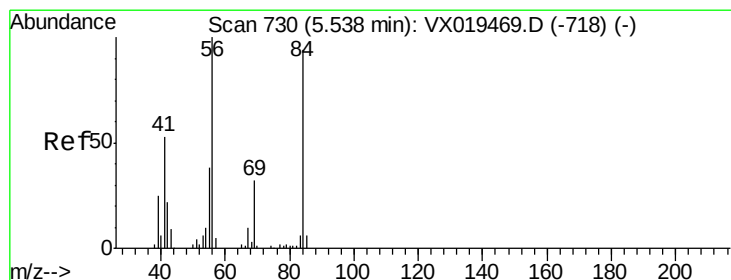
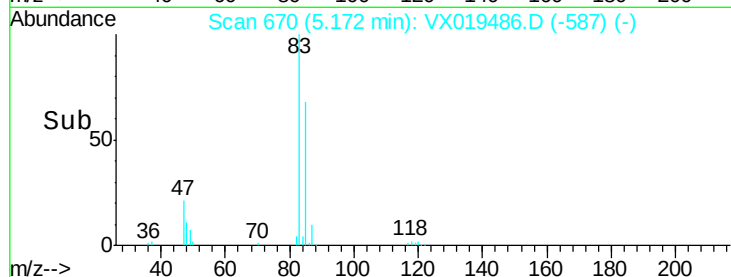
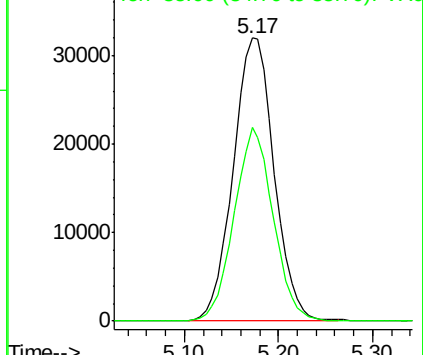
MMDadoda

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 17.962 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

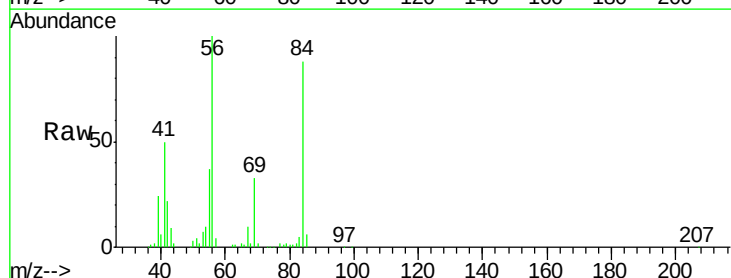
Tgt Ion: 56 Resp: 78029

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

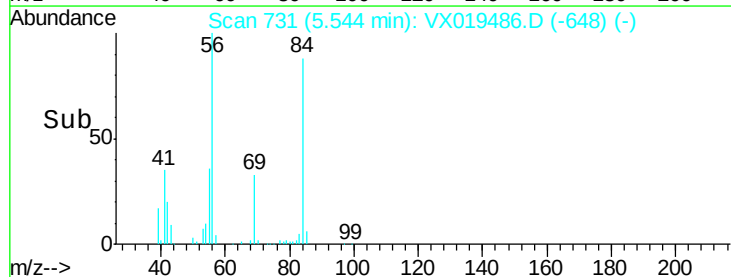
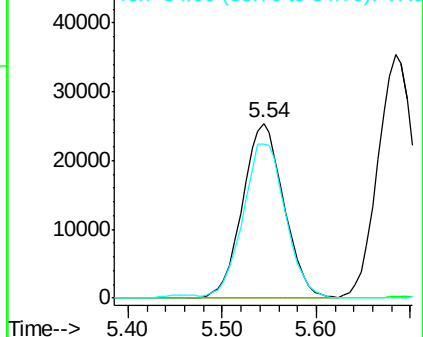
84 91.1 75.2 112.8

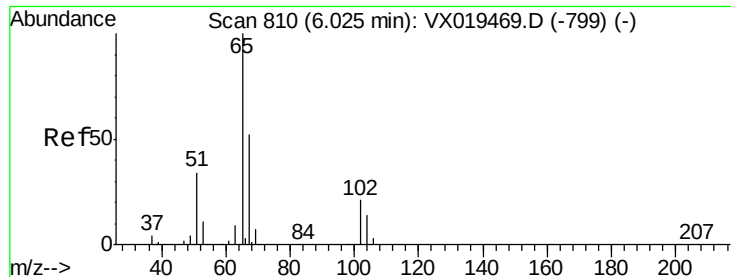


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.265 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 101508

Ion Ratio Lower Upper

65 100

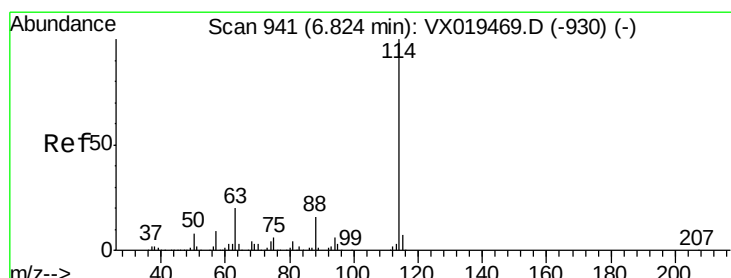
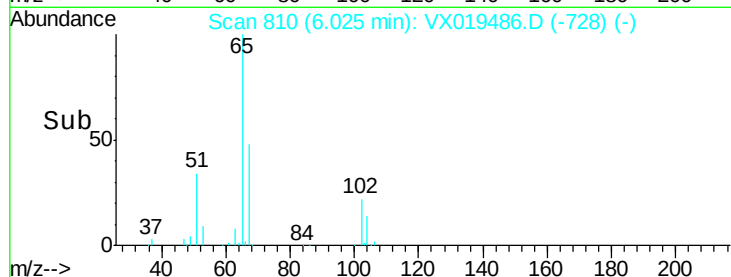
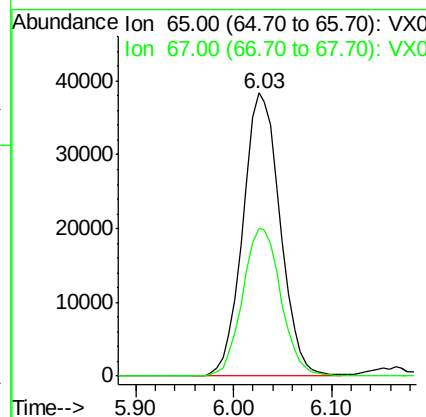
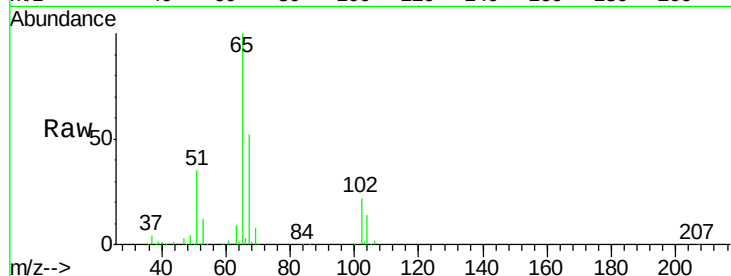
67 53.4 42.2 63.2

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

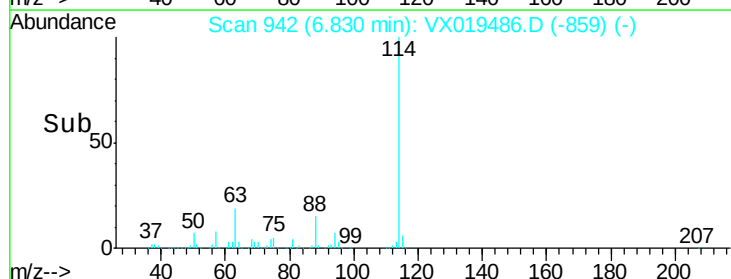
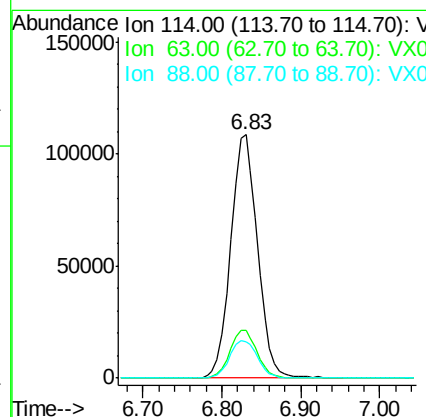
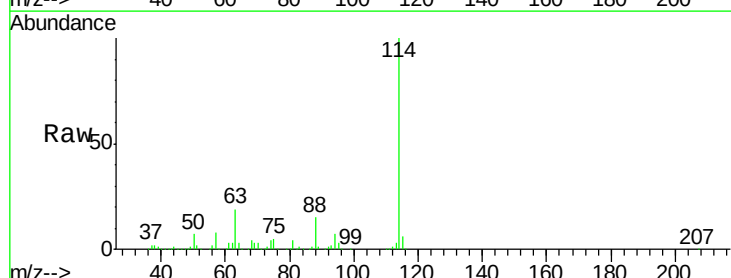
Tgt Ion: 114 Resp: 257098

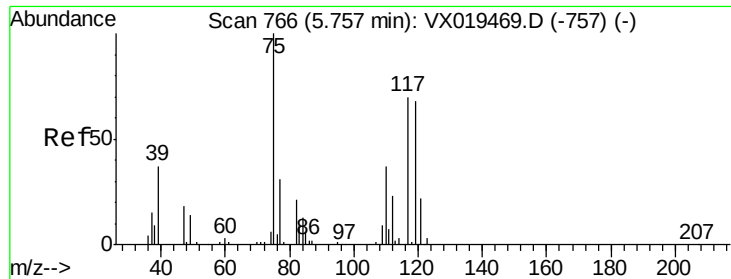
Ion Ratio Lower Upper

114 100

63 19.8 16.2 24.2

88 16.0 12.9 19.3





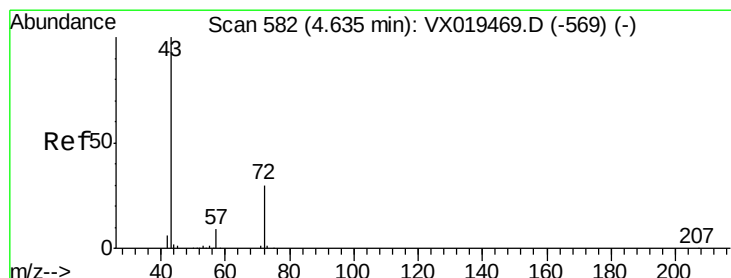
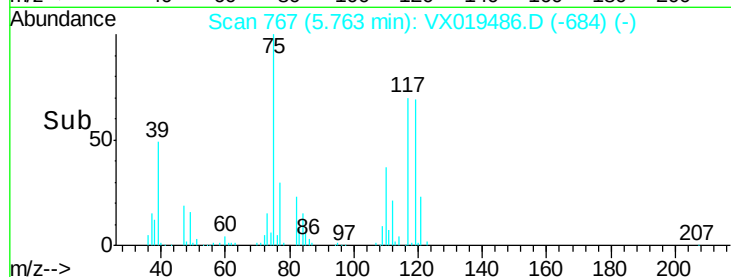
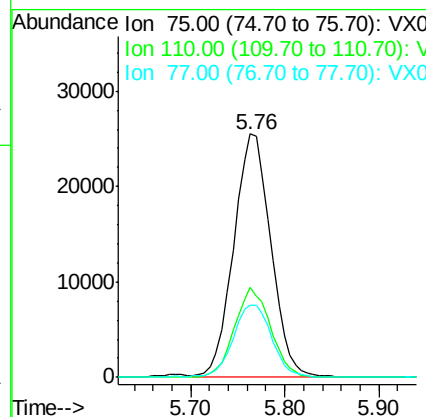
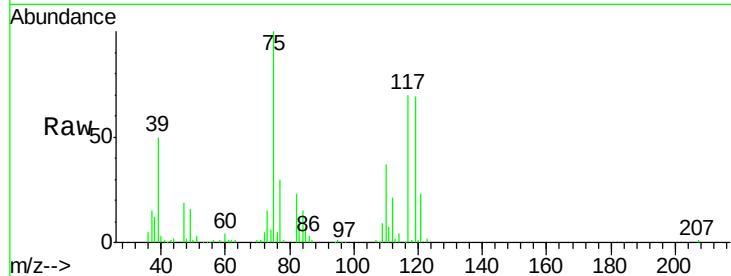
#29
 1,1-Dichloropropene
 Concen: 17.760 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.8	0.0	74.0
77	30.8	0.0	63.6

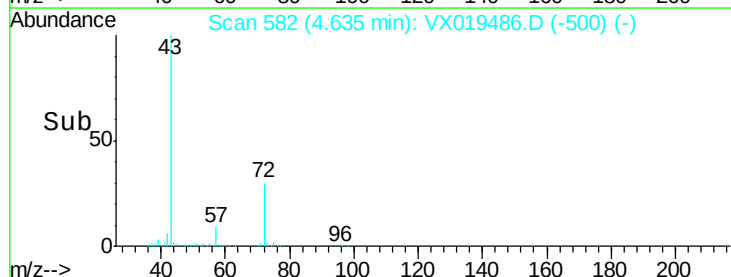
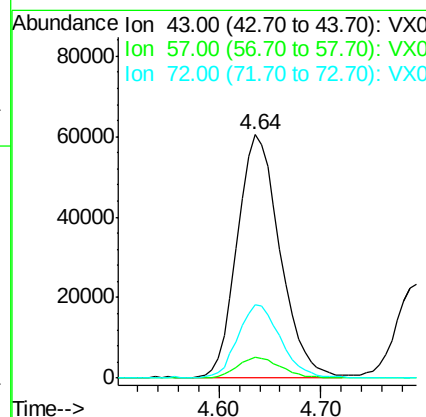
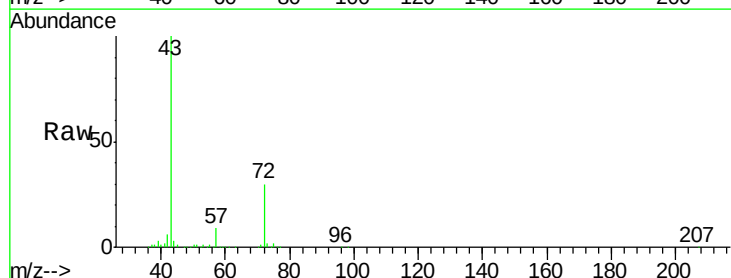
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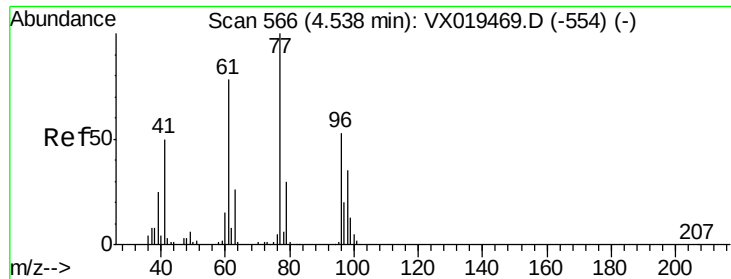
MMDadoda
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#30
 2-Butanone
 Concen: 87.777 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.8	7.4	11.0
72	30.2	24.2	36.2





#31

2,2-Dichloropropane

Concen: 16.004 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 71057

Ion Ratio Lower Upper

77 100

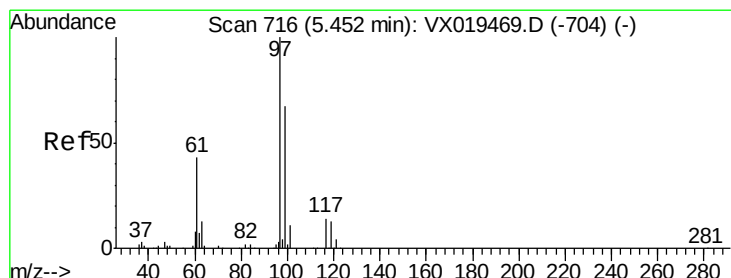
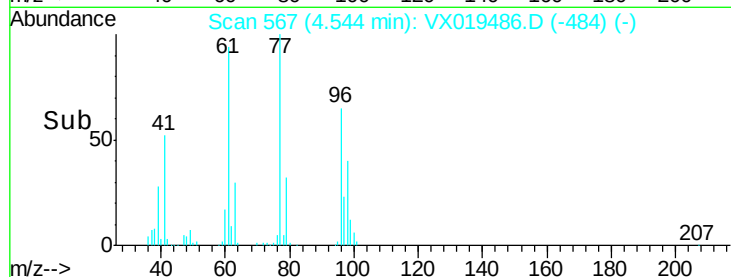
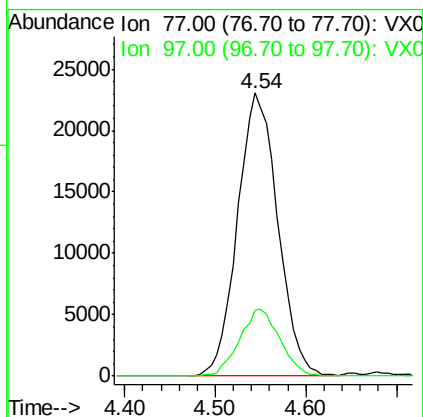
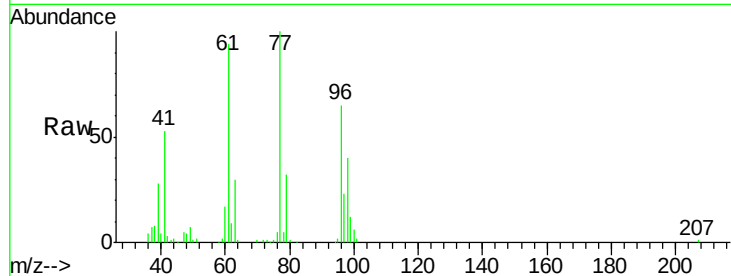
97 23.6 18.6 27.8

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#32

1,1,1-Trichloroethane

Concen: 17.757 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

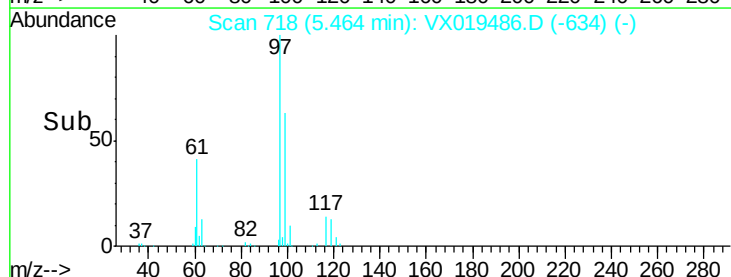
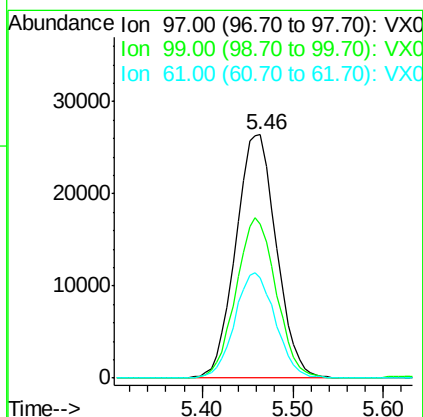
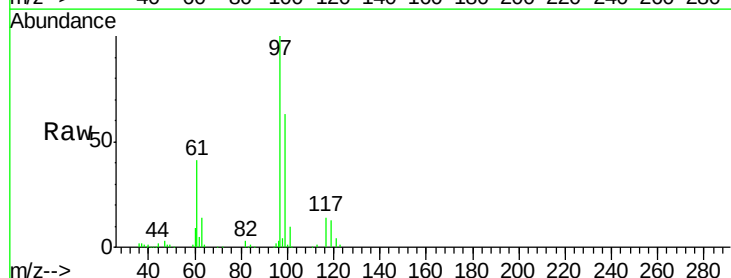
Tgt Ion: 97 Resp: 82288

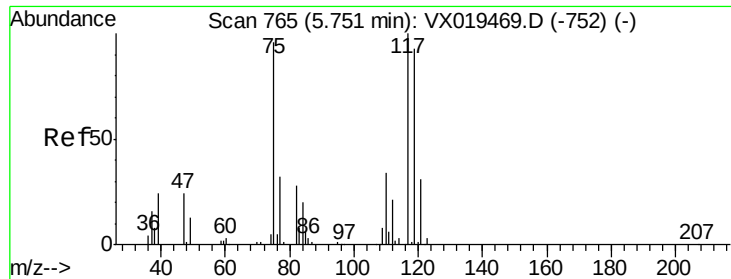
Ion Ratio Lower Upper

97 100

99 65.0 52.3 78.5

61 43.1 34.9 52.3





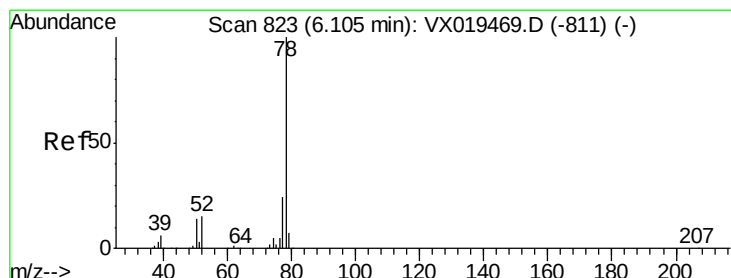
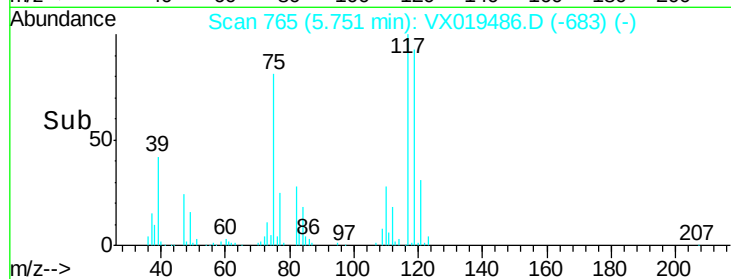
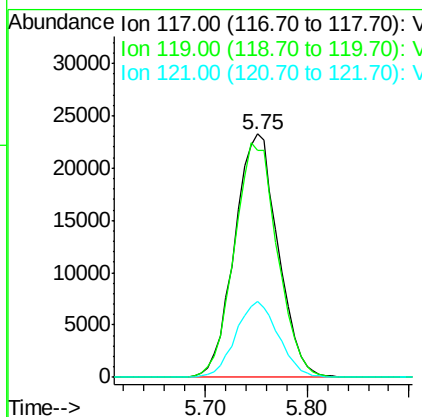
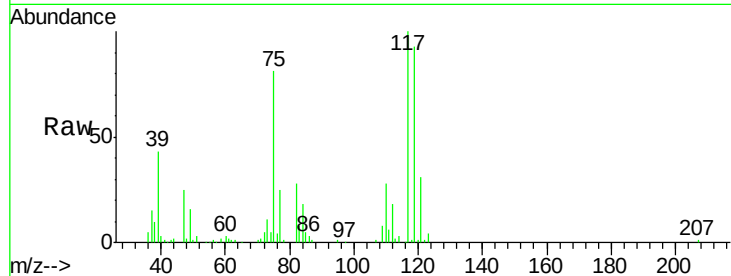
#33
Carbon Tetrachloride
Concen: 17.418 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.8	74.2	111.4
121	31.0	25.0	37.4

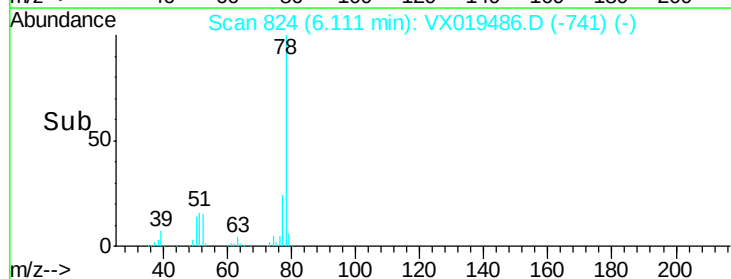
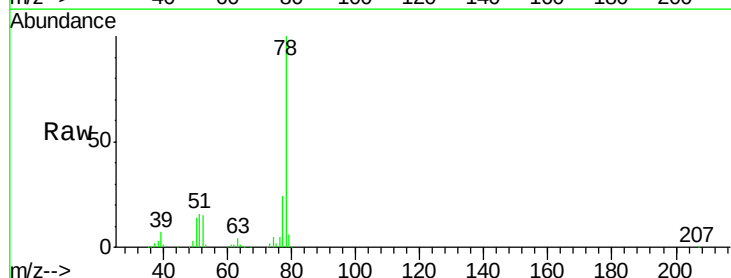
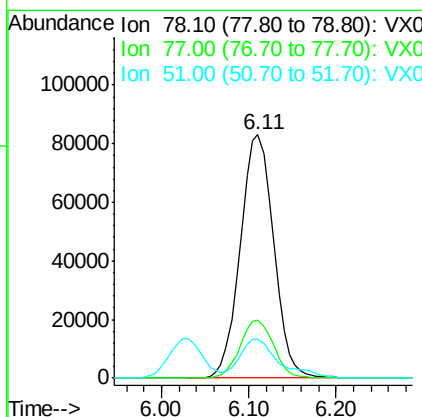
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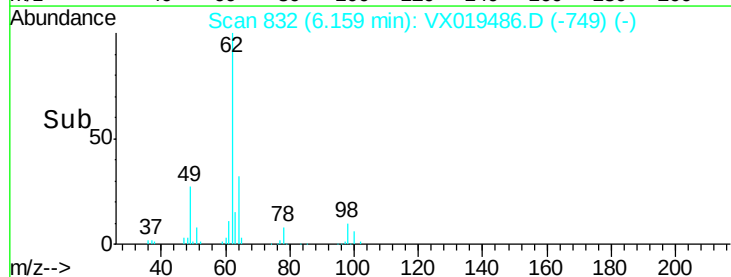
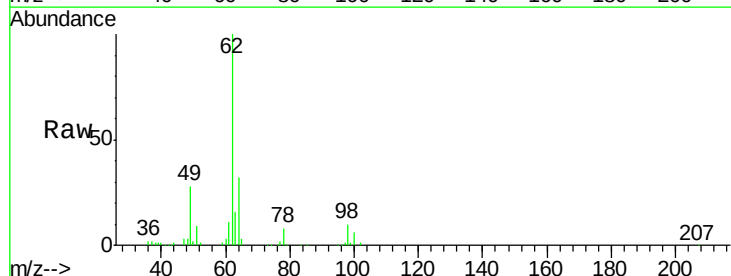
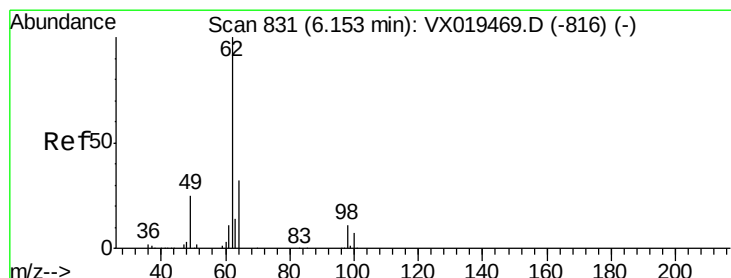
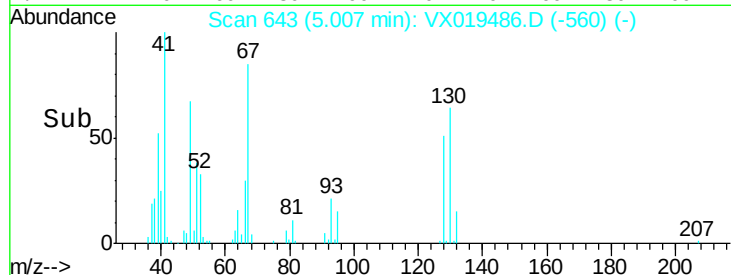
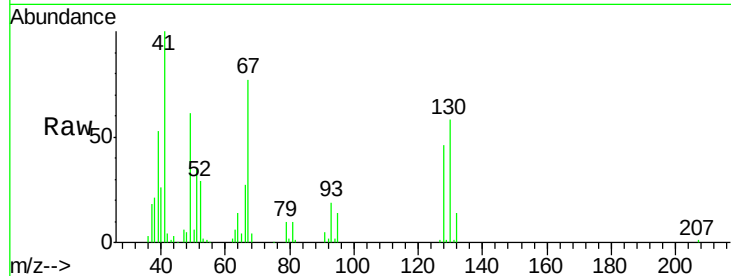
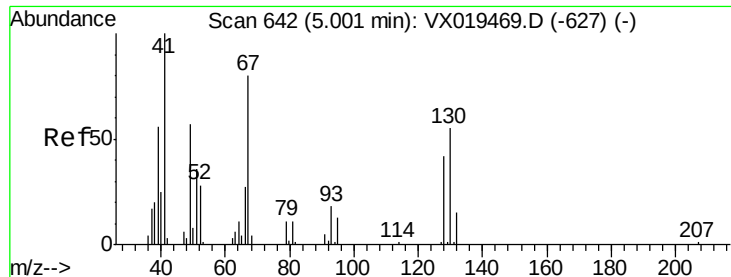
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#34
Benzene
Concen: 18.019 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6
51	15.9	12.7	19.1





#35

Methacrylonitrile

Concen: 18.054 ug/l

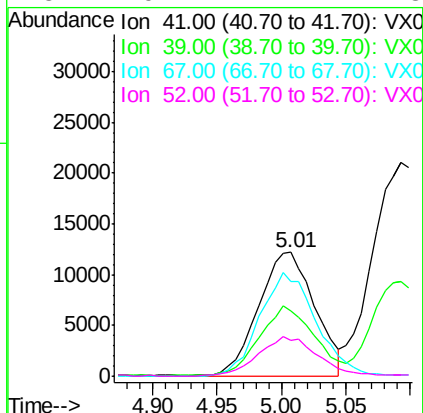
RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Tot Ion	Ion	Ratio	Lower	Upper
37154	41	100		
	39	51.8	28.0	84.0
	67	76.6	40.0	119.9
	52	29.4	14.2	42.8



Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

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#36

1,2-Dichloroethane

Concen: 18.287 ug/l

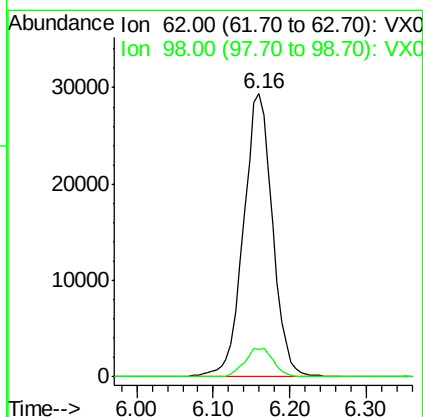
RT: 6.16 min Scan# 832

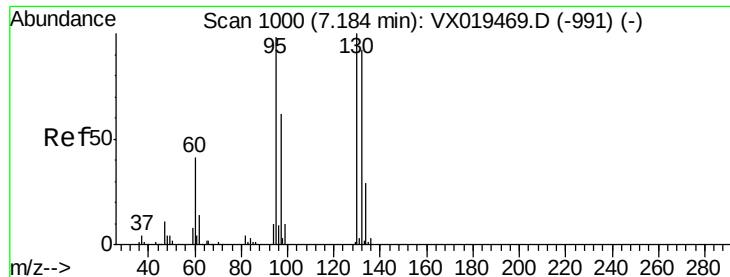
Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Tgt Ion	Ion	Ratio	Lower	Upper
77687	62	100		
	98	10.1	8.1	12.1





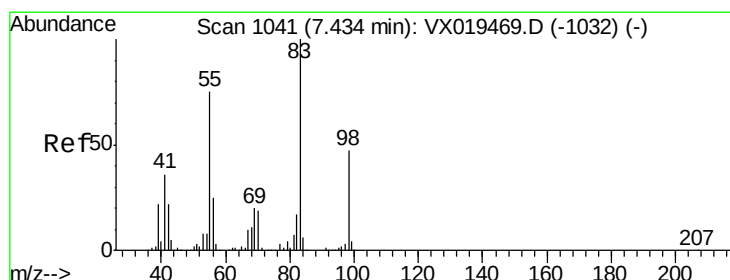
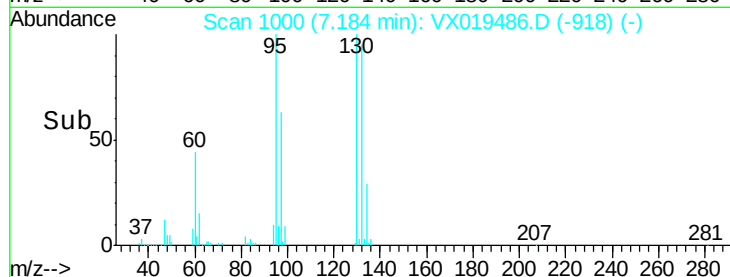
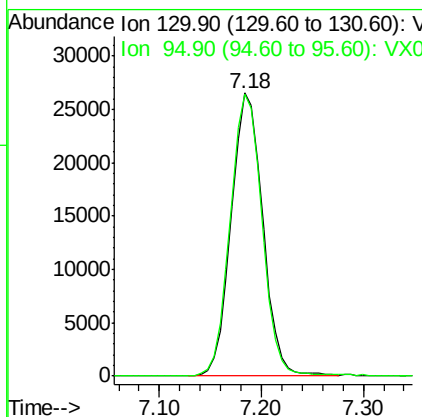
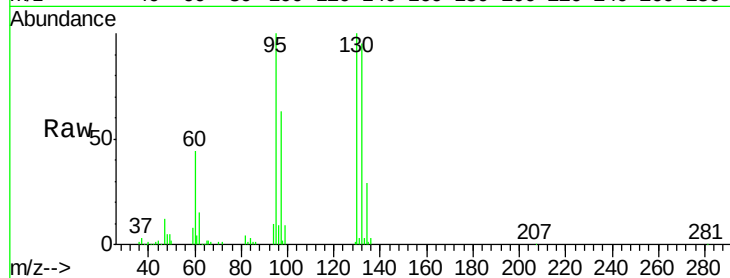
#37
 Trichloroethene
 Concen: 17.524 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 57019
 Ion Ratio Lower Upper
 130 100
 95 99.7 78.8 118.2

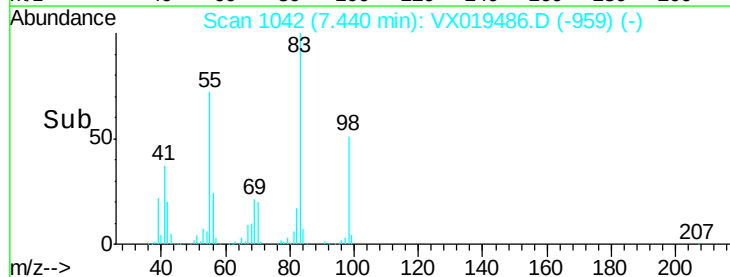
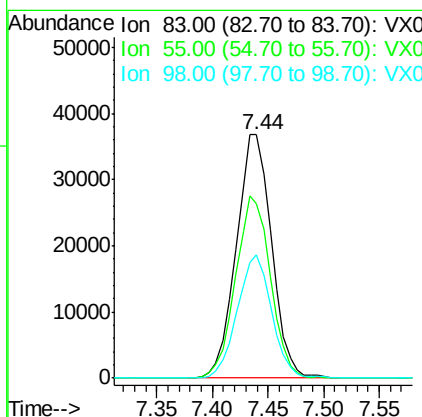
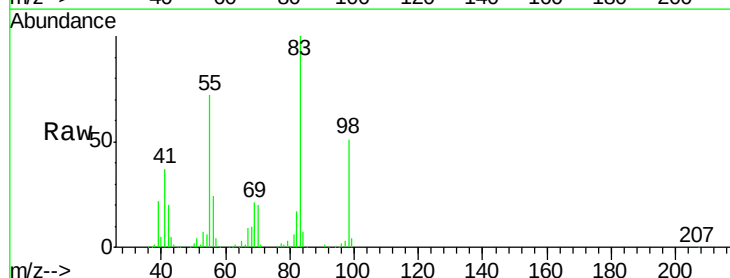
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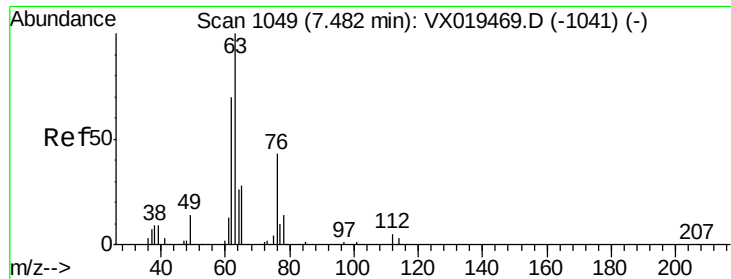
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#38
 Methylcyclohexane
 Concen: 17.015 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion: 83 Resp: 81229
 Ion Ratio Lower Upper
 83 100
 55 73.7 37.7 113.1
 98 49.1 24.7 74.1





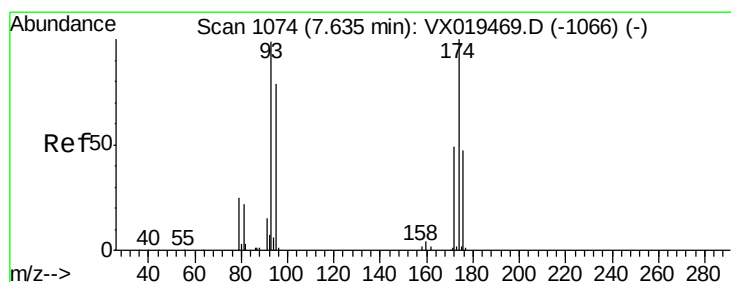
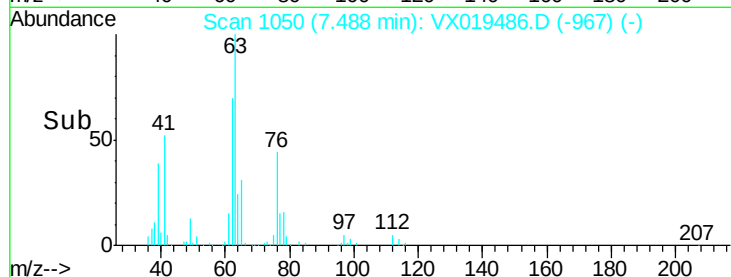
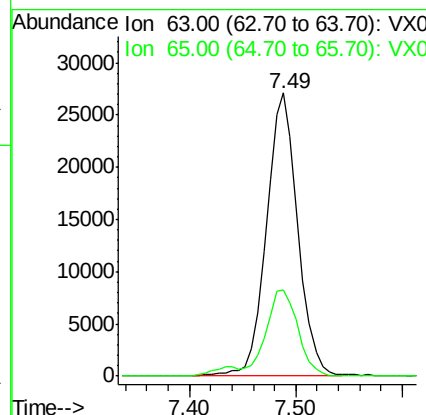
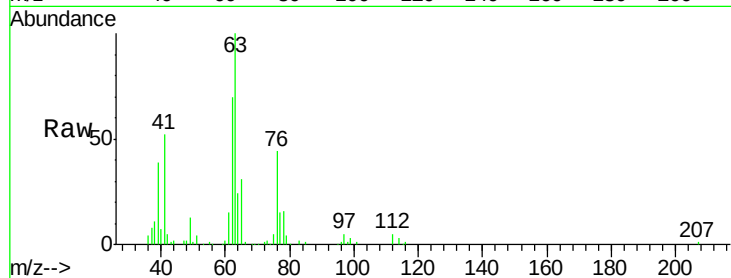
#39
 1,2-Dichloropropane
 Concen: 18.322 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.8	37.2

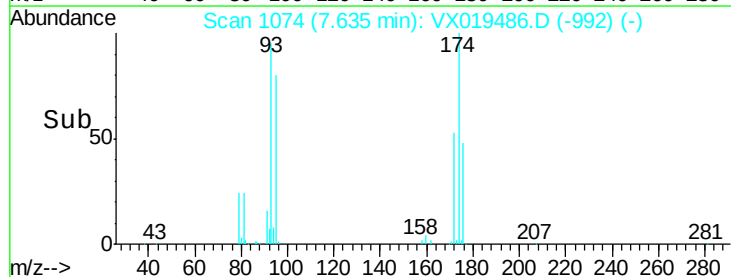
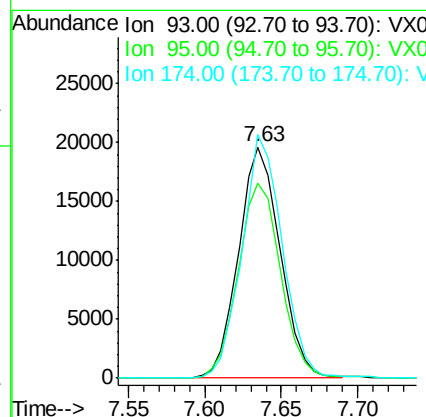
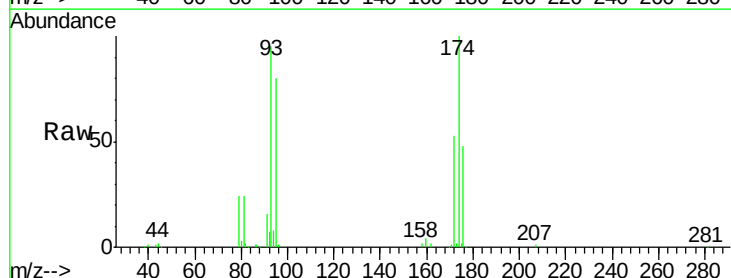
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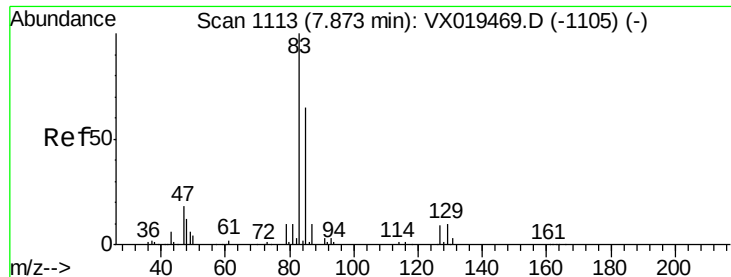
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#40
 Dibromomethane
 Concen: 17.621 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	86.1	0.0	162.4
174	102.2	0.0	198.8





#41

Bromodichloromethane

Concen: 17.601 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

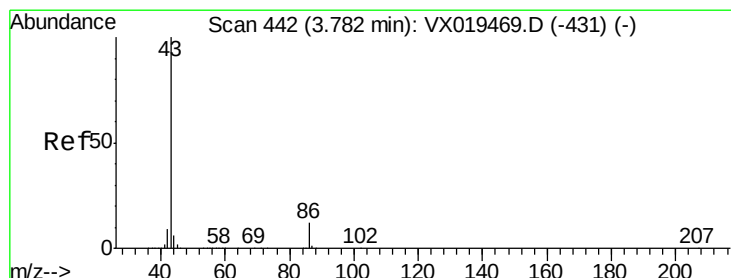
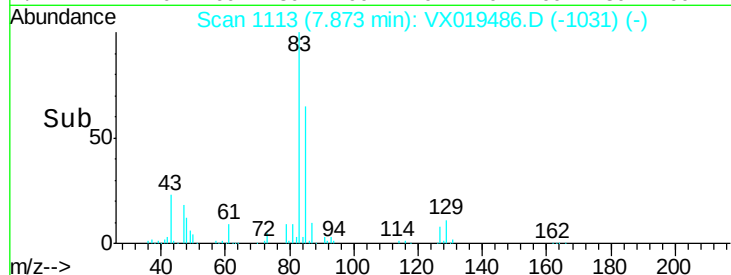
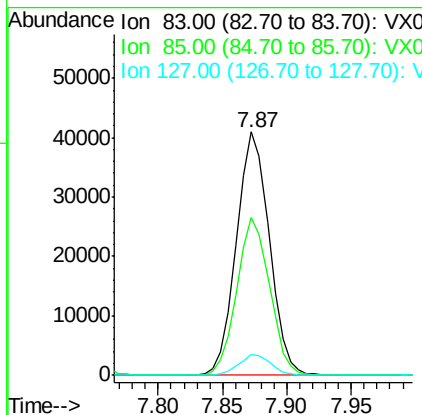
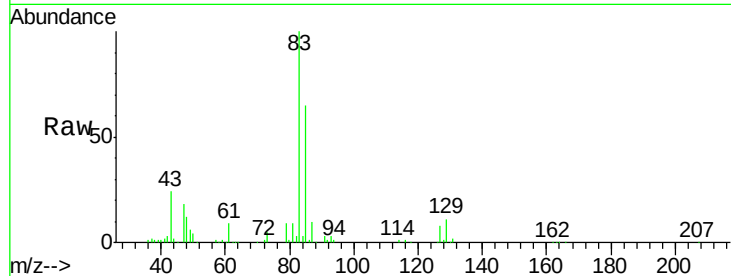
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	72915
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.7	77.5
127	8.5	7.0	10.6

Manual Integrations
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#42

Vinyl Acetate

Concen: 89.955 ug/l

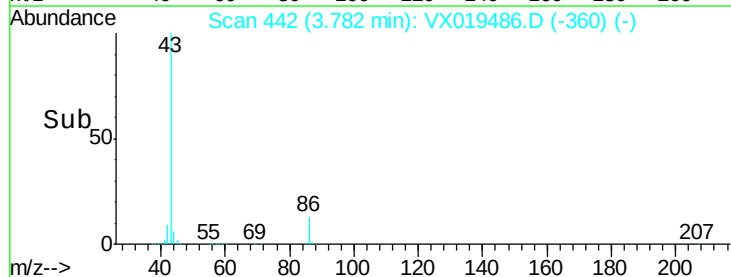
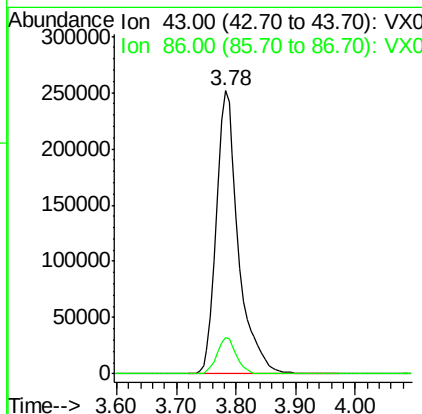
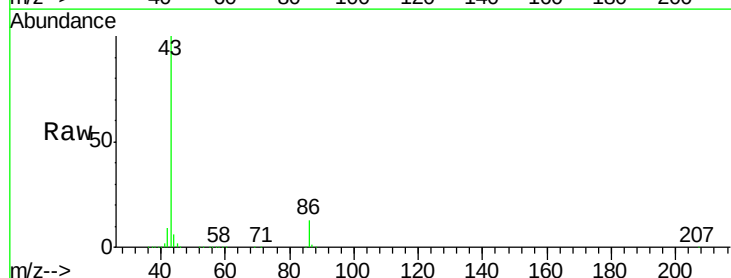
RT: 3.78 min Scan# 442

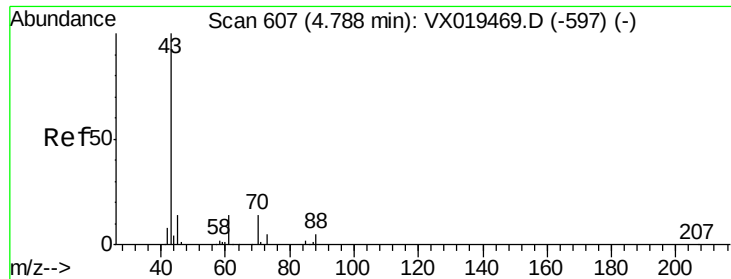
Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Tgt Ion:	43	Resp:	645674
Ion	Ratio	Lower	Upper
43	100		
86	11.2	8.8	13.2





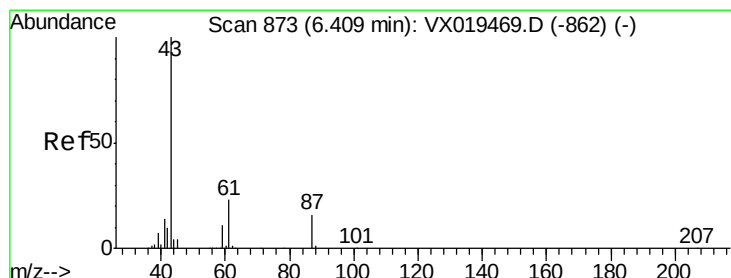
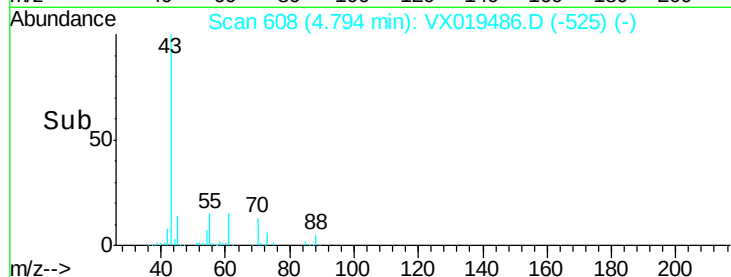
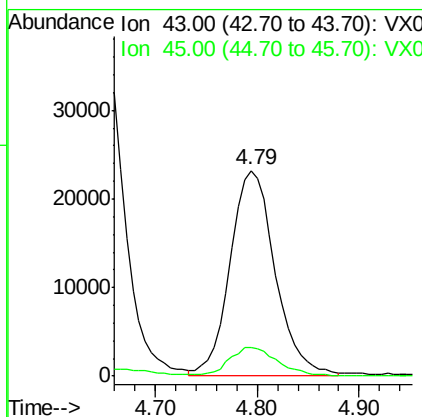
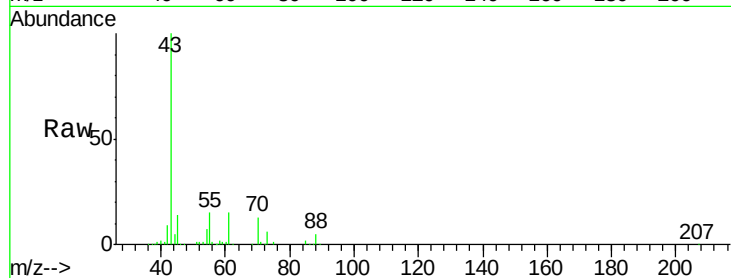
#43
Ethyl Acetate
Concen: 18.372 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 70566
Ion Ratio Lower Upper
43 100
45 14.2 12.9 19.3

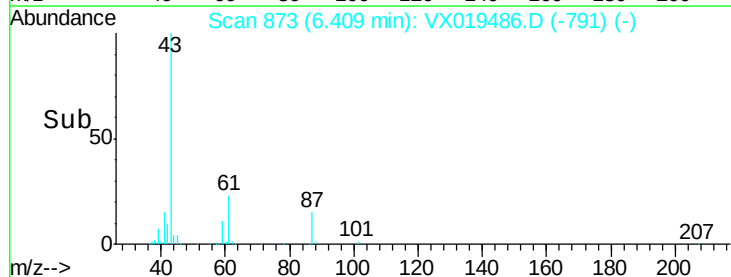
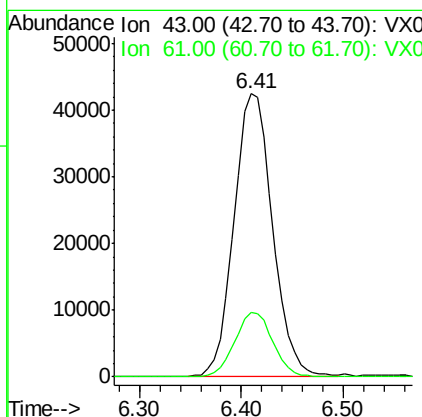
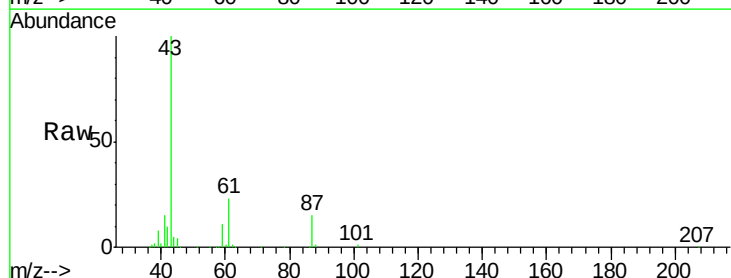
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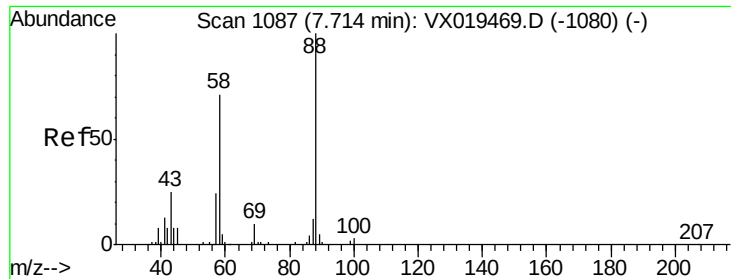
MMDadoda
11/20/2020 12:25:20 PM



#44
Isopropyl Acetate
Concen: 17.834 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion: 43 Resp: 111171
Ion Ratio Lower Upper
43 100
61 22.6 18.1 27.1





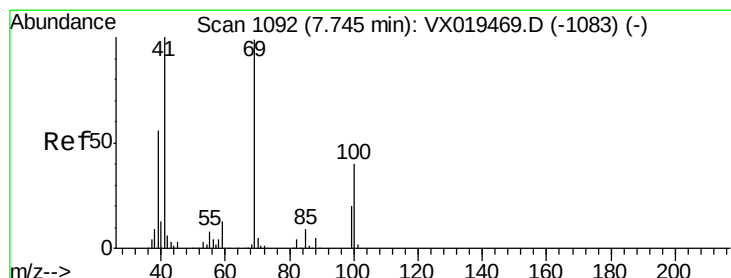
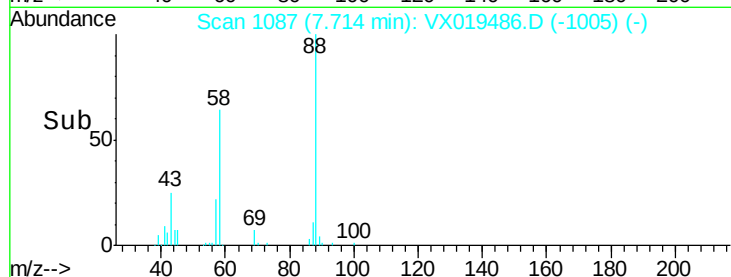
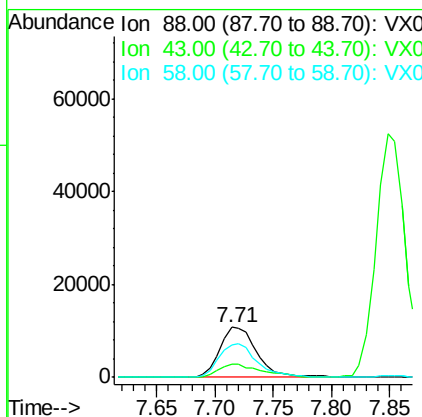
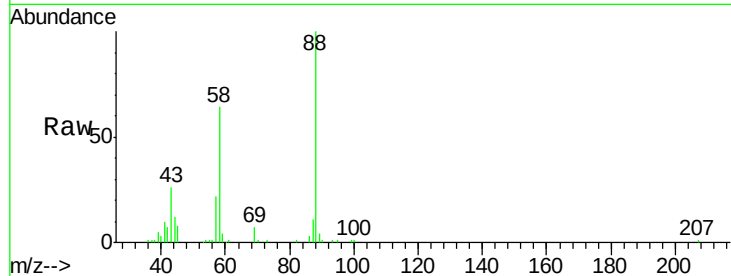
#45
1,4-Dioxane
Concen: 341.194 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.5	24.2	36.4
58	68.1	56.6	84.8

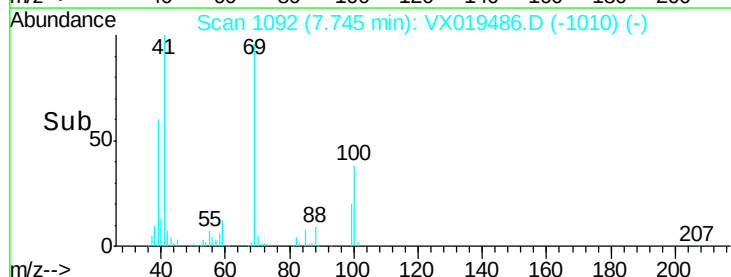
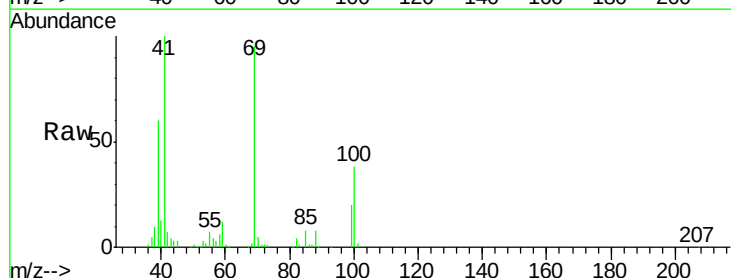
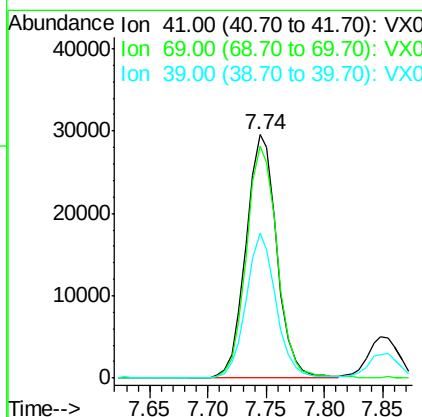
Manual Integrations
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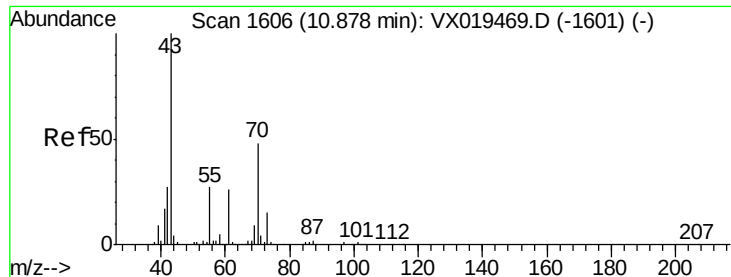
MMDadoda
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#46
Methyl methacrylate
Concen: 17.933 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Lower	Upper
41	100		
69	95.7	49.7	149.1
39	59.5	28.1	84.4





#47

n-amvl Acetate

Concen: 17.522 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 91149

Ion Ratio Lower Upper

43 100

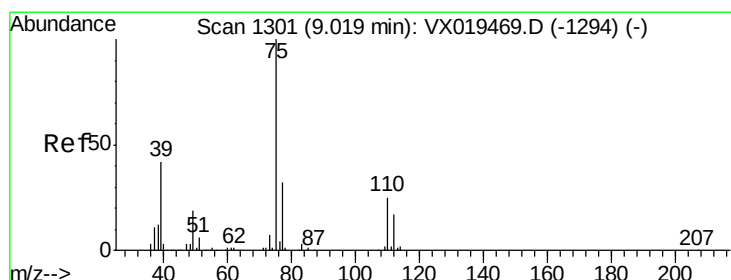
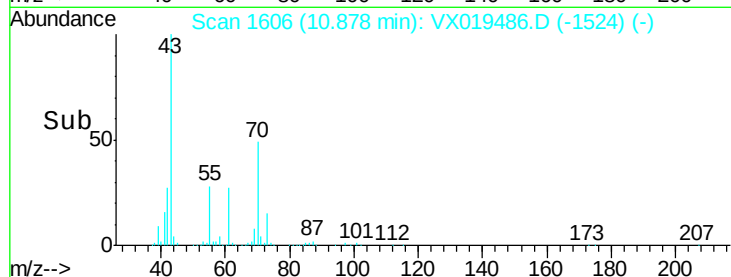
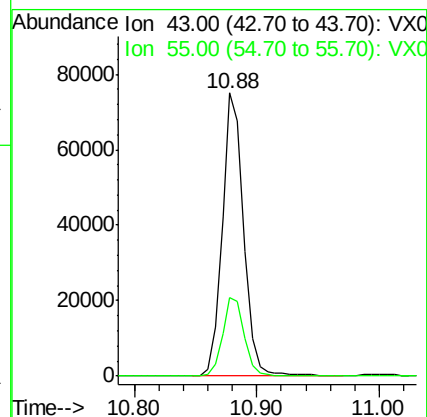
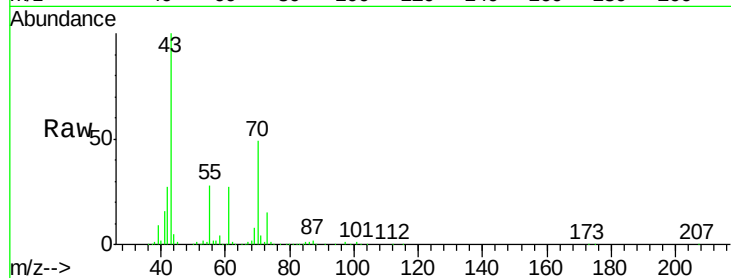
55 28.2 22.8 34.2

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 17.061 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019486.D

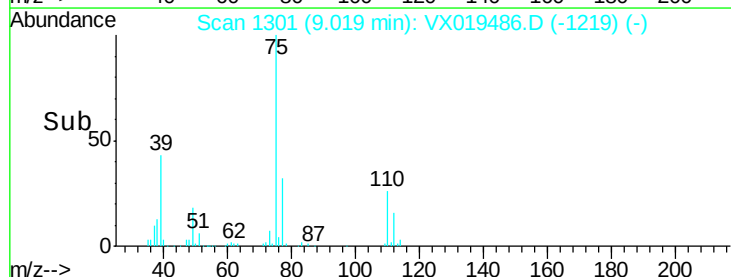
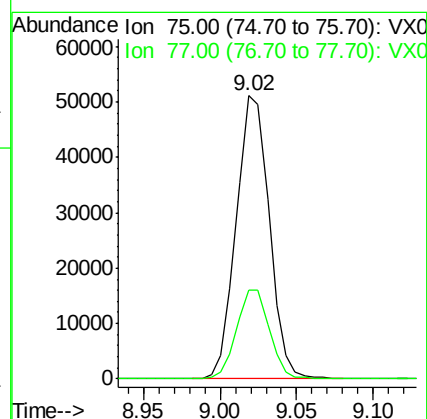
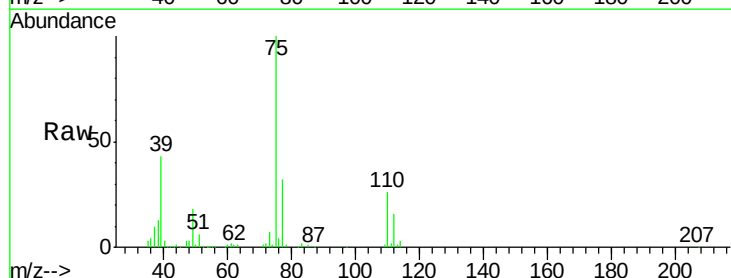
Acq: 19 Nov 2020 23:10

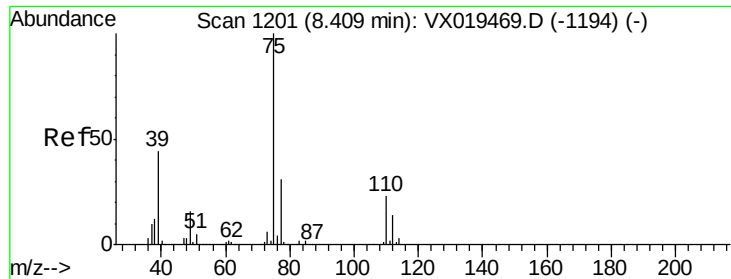
Tgt Ion: 75 Resp: 76743

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2





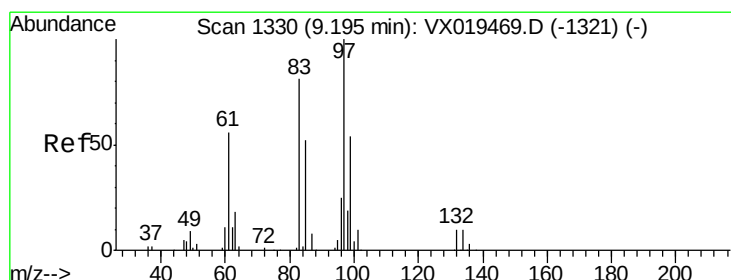
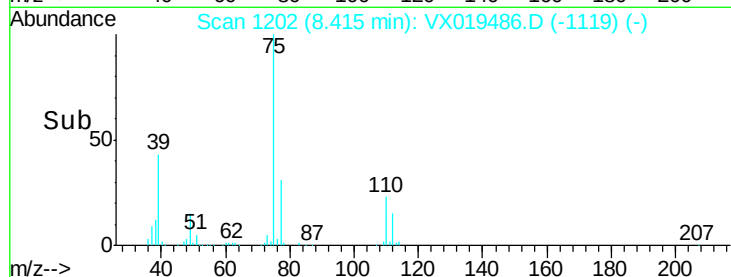
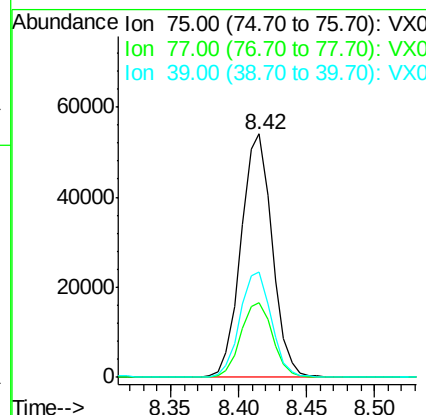
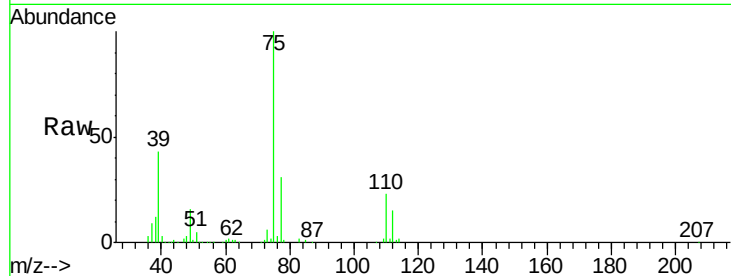
#49
 cis-1,3-Dichloropropene
 Concen: 17.421 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.7	37.1
39	43.1	35.3	52.9

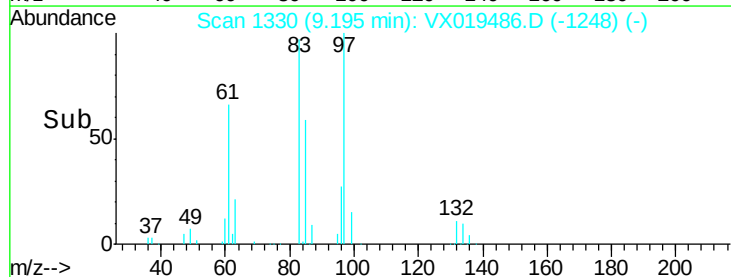
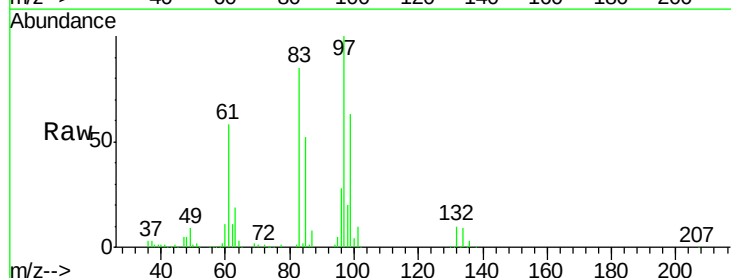
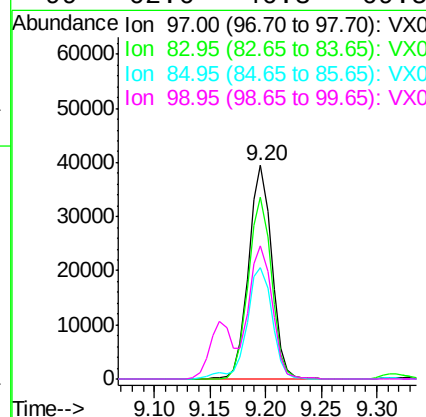
Manual Integrations
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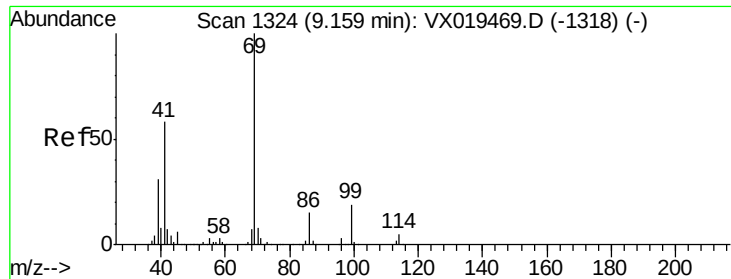
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 18.198 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.0	64.8	97.2
85	52.1	41.8	62.8
99	62.6	46.3	69.5





#51

Ethyl methacrylate

Concen: 17.875 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

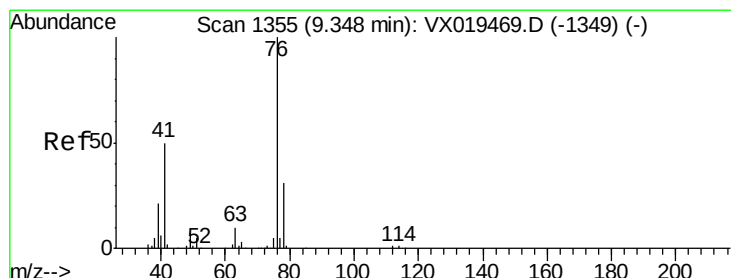
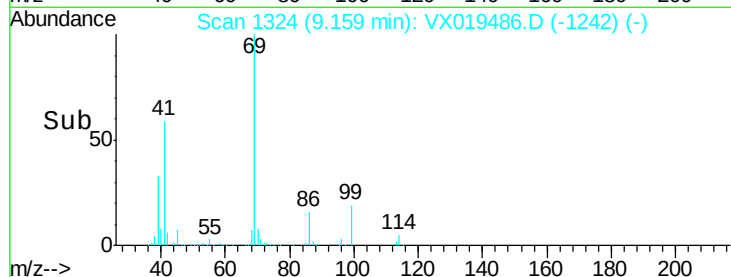
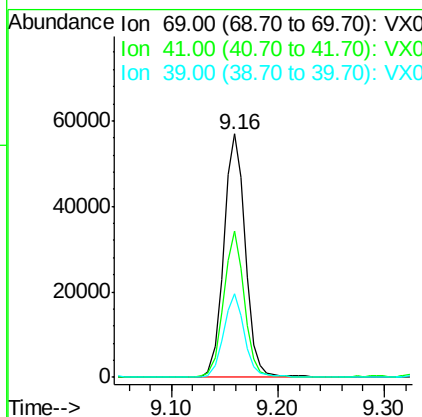
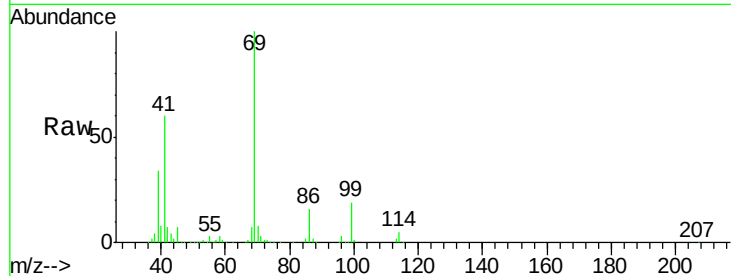
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	80753
Ion	Ratio	Lower	Upper
69	100		
41	60.2	29.0	87.1
39	34.1	15.4	46.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.326 ug/l

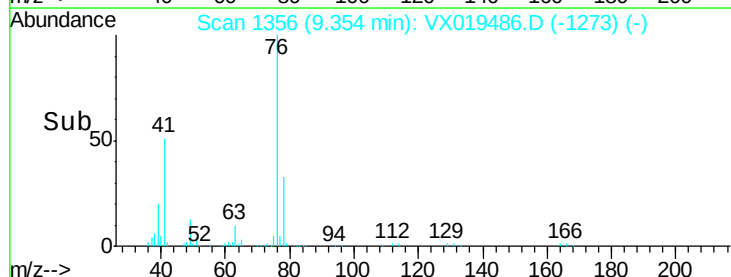
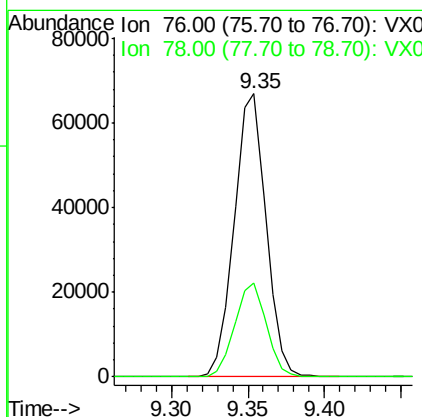
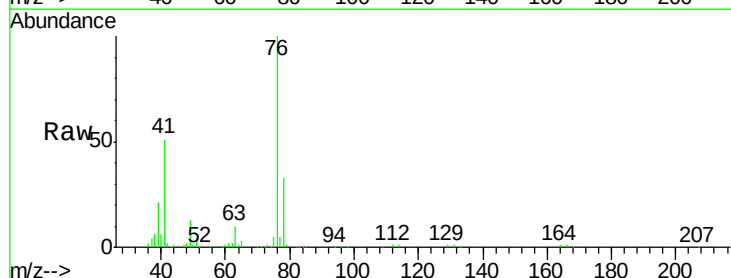
RT: 9.35 min Scan# 1356

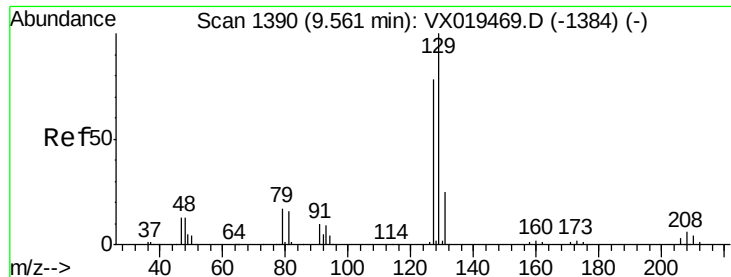
Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Tgt Ion:	76	Resp:	96621
Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	63.4





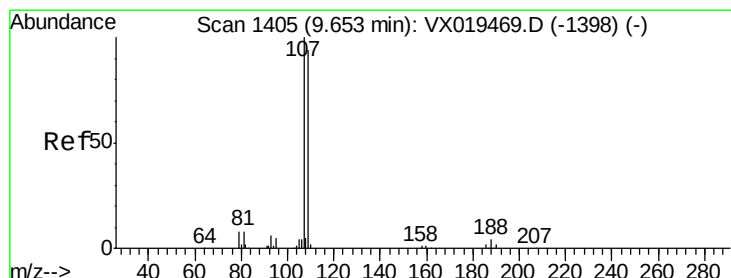
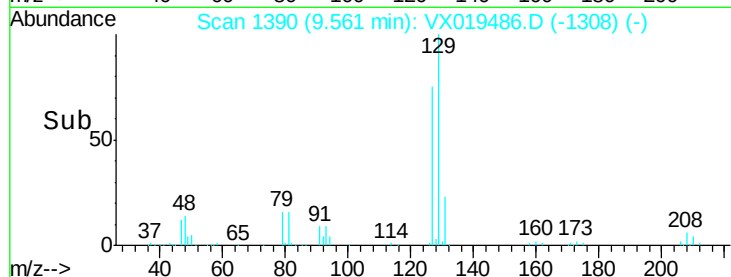
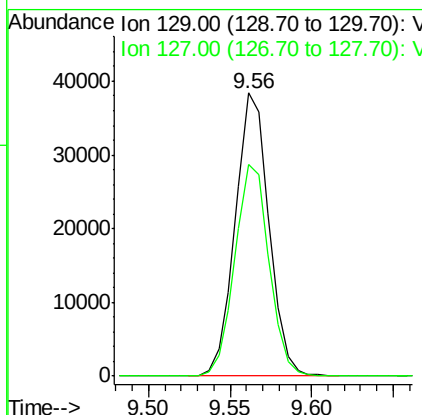
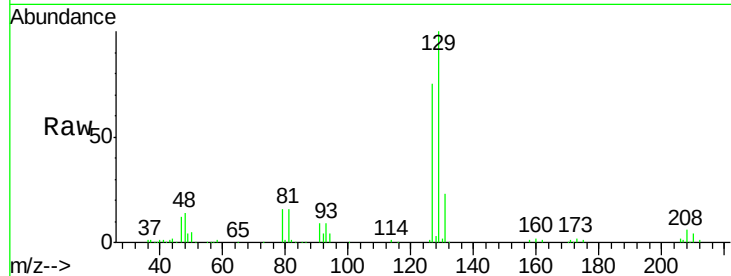
#53
 Dibromochloromethane
 Concen: 17.579 ug/l
 RT: 9.56 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:129 Resp: 55312
 Ion Ratio Lower Upper
 129 100
 127 76.1 38.0 114.1

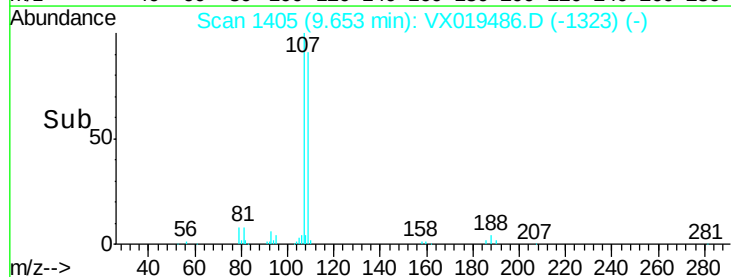
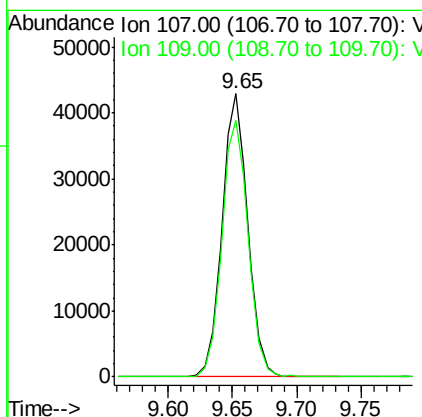
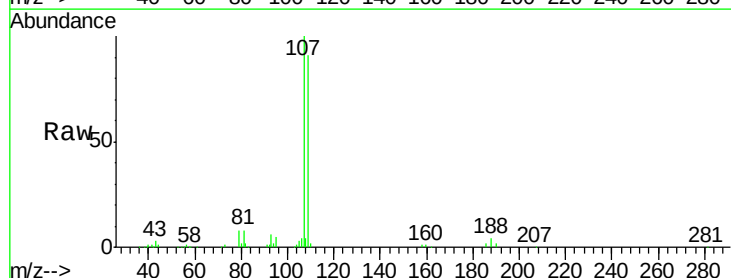
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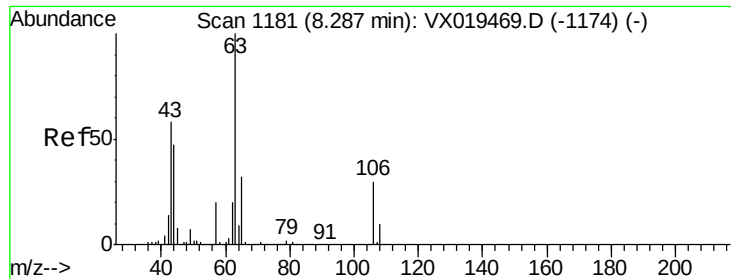
MMDadoda
 11/20/2020 12:25:20 PM



#54
 1,2-Dibromoethane
 Concen: 18.449 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion:107 Resp: 60216
 Ion Ratio Lower Upper
 107 100
 109 92.5 74.2 111.4





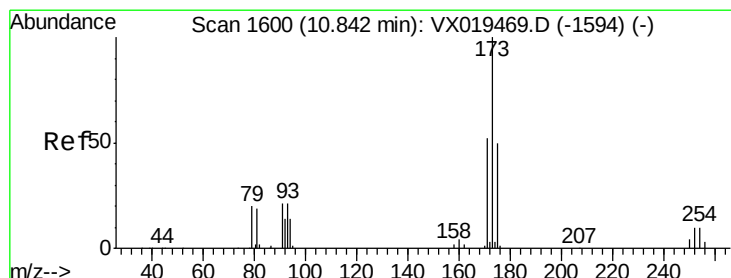
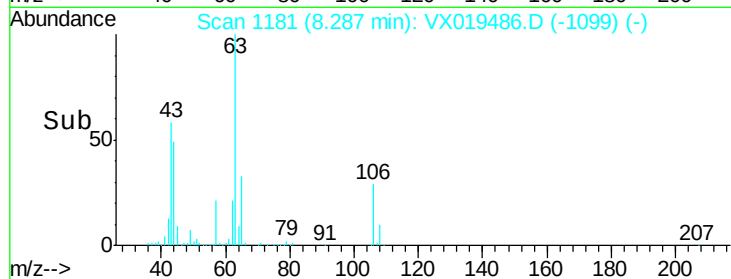
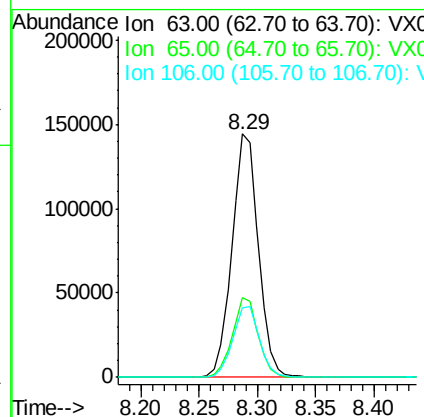
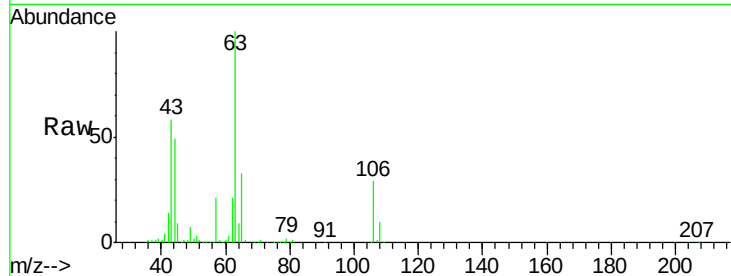
#55
 2-Chloroethyl vinyl ether
 Concen: 91.762 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.7	38.5
106	29.3	24.2	36.4

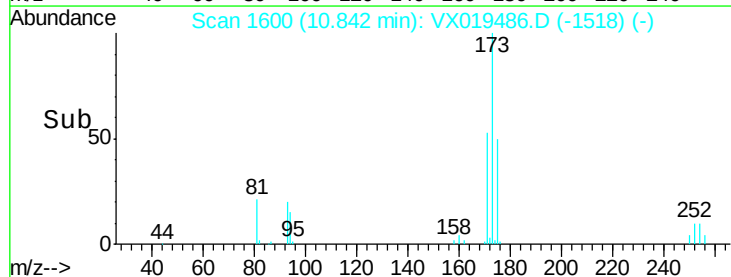
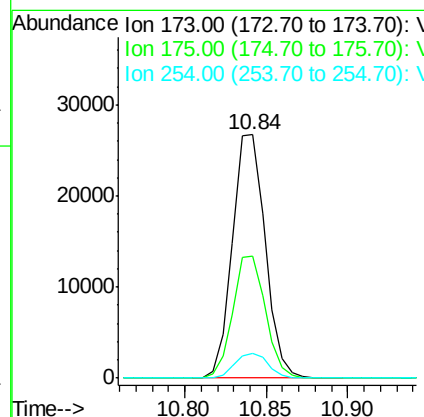
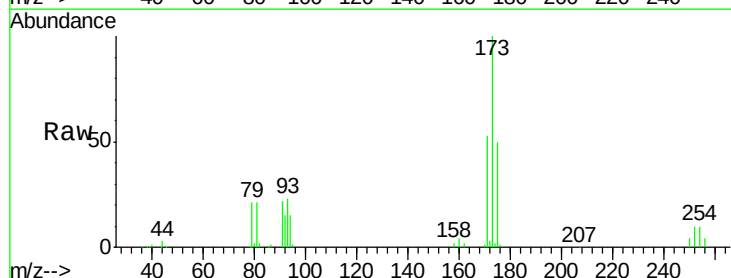
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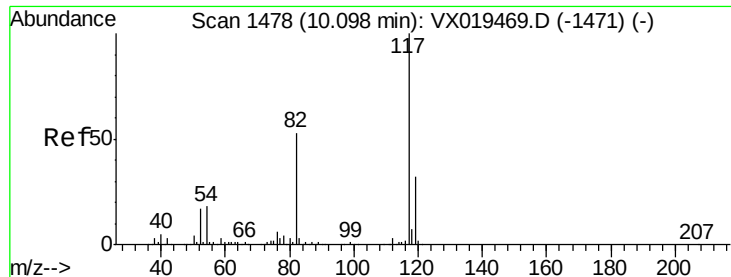
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#56
 Bromoform
 Concen: 16.838 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.6	39.7	59.5
254	10.5	8.0	12.0





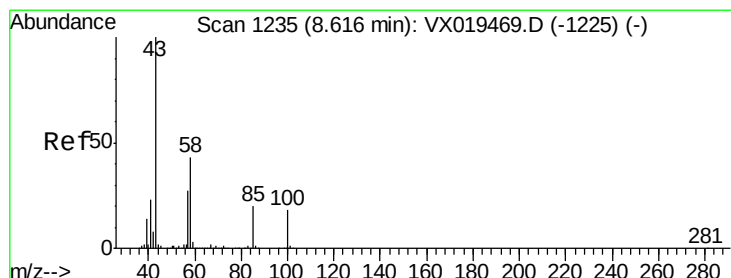
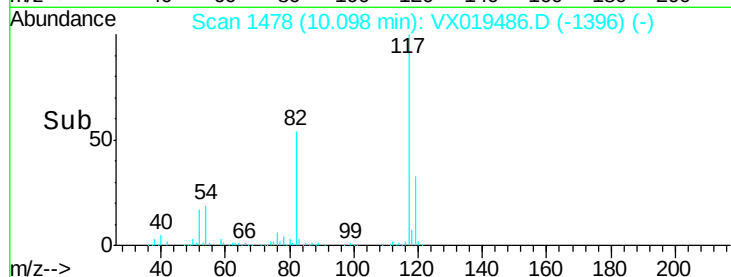
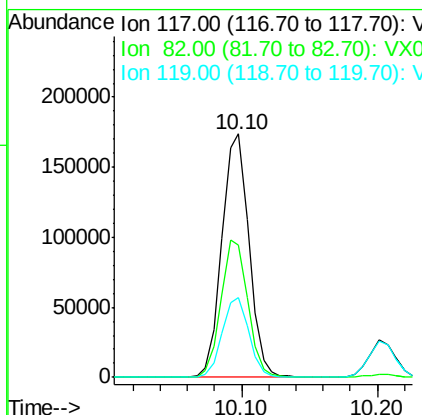
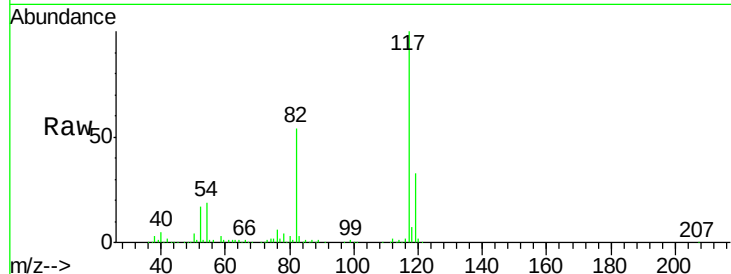
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	240817		
82	56.2	44.5	66.7	
119	32.1	25.9	38.9	

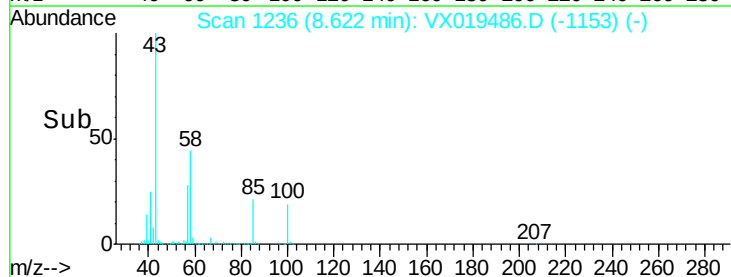
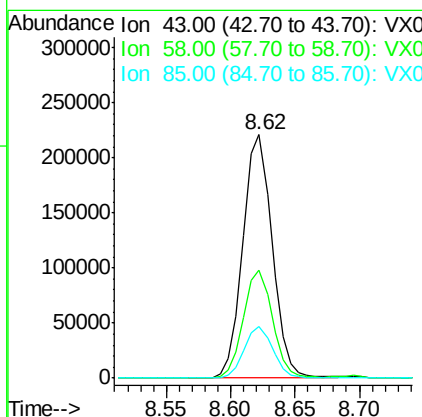
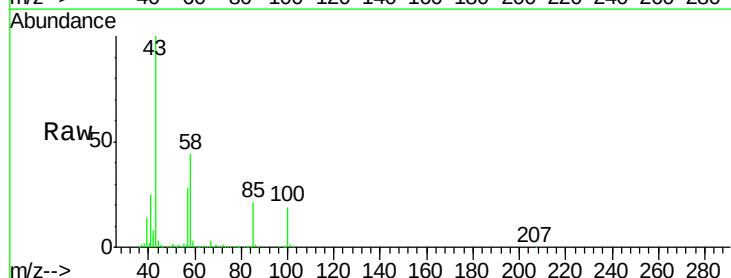
Manual Integrations
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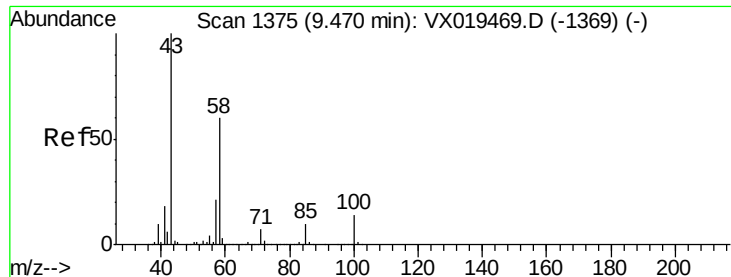
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 91.052 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	350296		
58	43.9	35.1	52.7	
85	21.0	16.7	25.1	





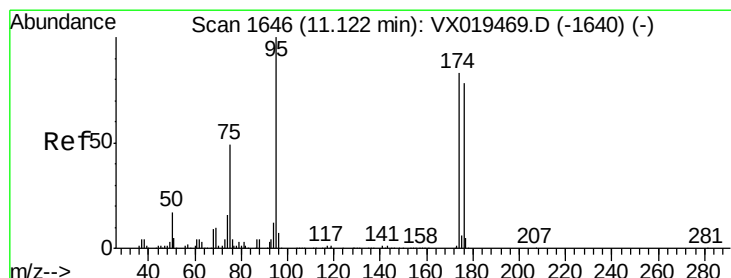
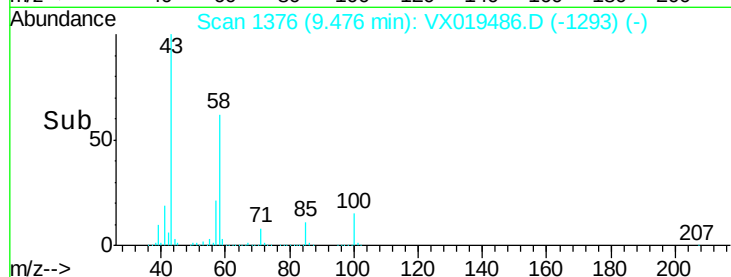
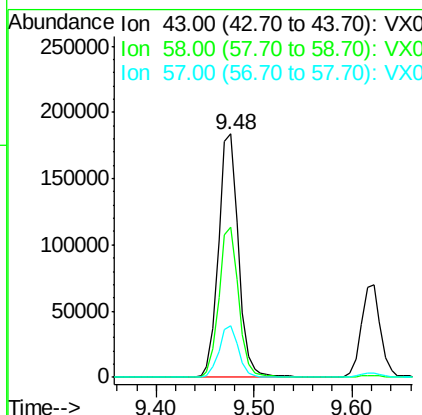
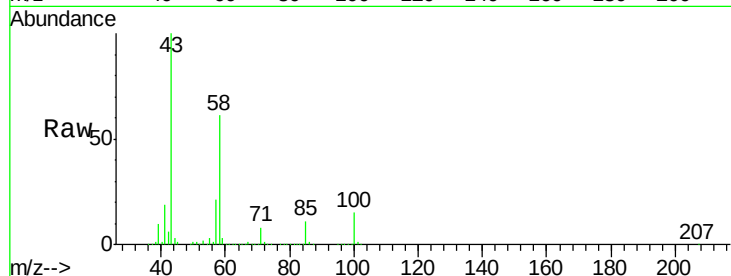
#59
2-Hexanone
Concen: 87.562 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.2	49.0	73.6
57	20.7	17.0	25.4

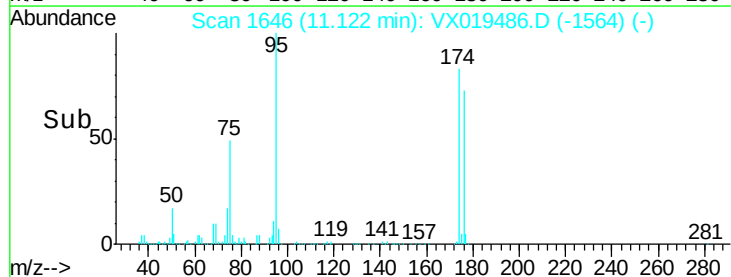
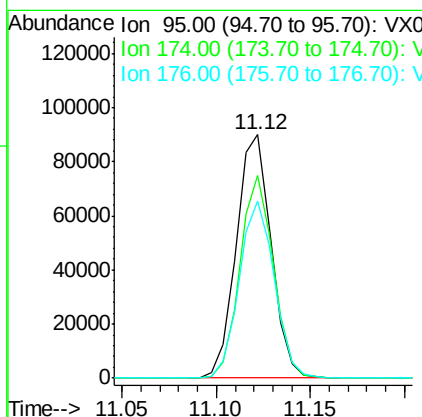
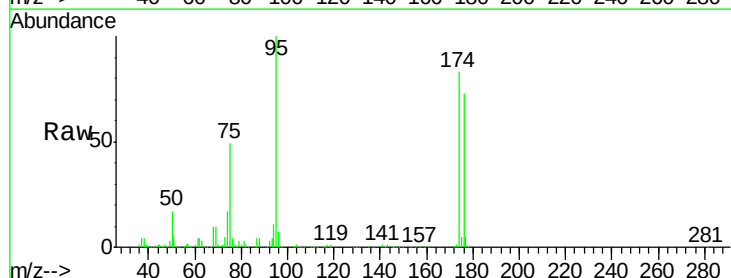
Manual Integrations
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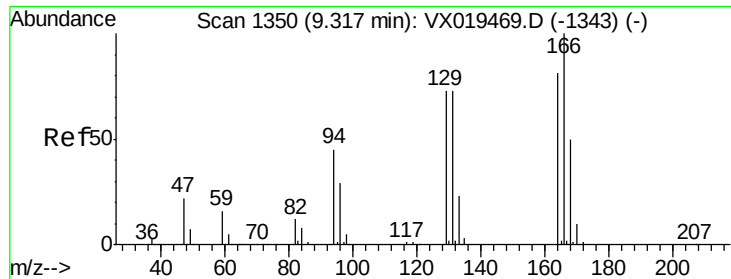
MMDadoda
11/20/2020 12:25:20 PM



#60
4-Bromofluorobenzene
Concen: 29.452 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.7	63.5	95.3
176	72.8	59.8	89.6





#61

Tetrachloroethene

Concen: 18.517 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 58110

Ion Ratio Lower Upper

164 100

166 121.9 99.4 149.0

129 93.4 72.6 108.8

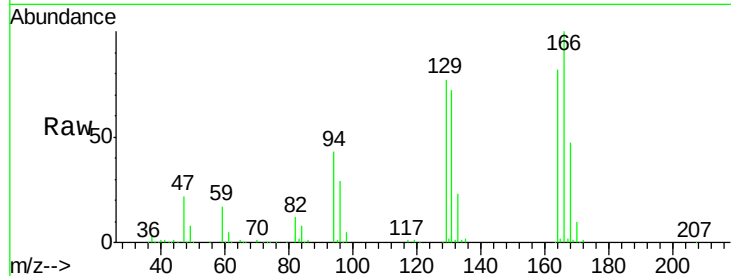
131 88.2 72.6 108.8

Manual Integrations

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MMDadoda

11/20/2020 12:25:20 PM

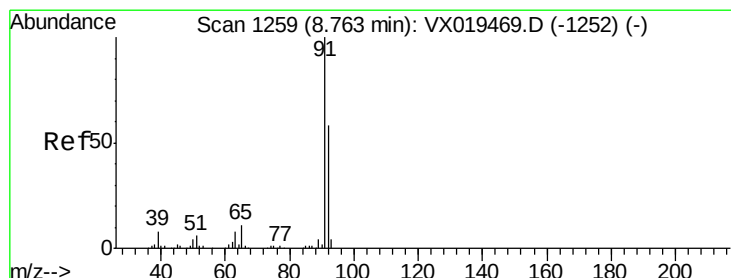
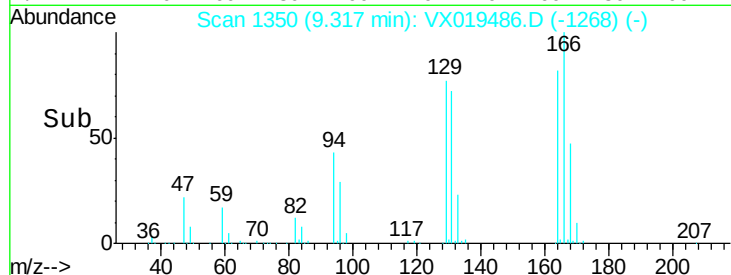
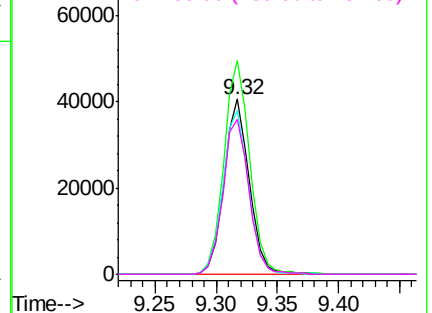


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 17.921 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019486.D

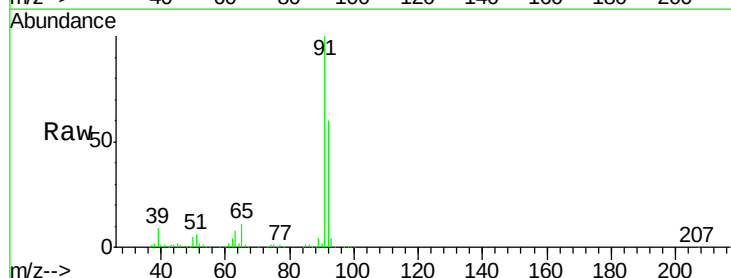
Acq: 19 Nov 2020 23:10

Tgt Ion: 91 Resp: 241389

Ion Ratio Lower Upper

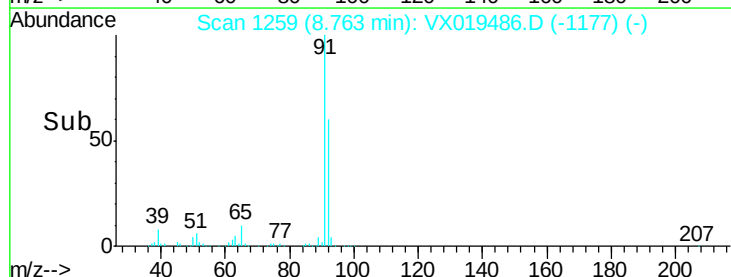
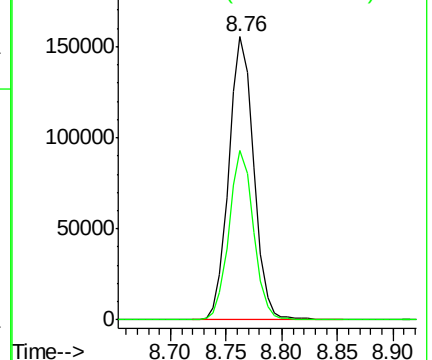
91 100

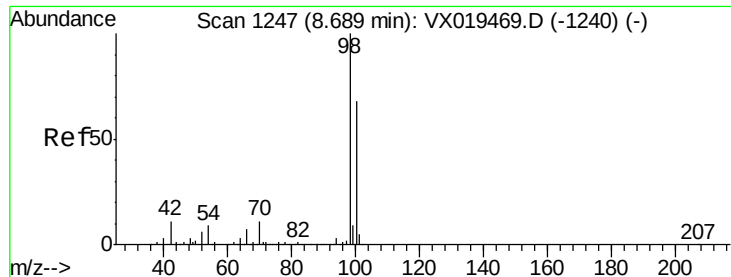
92 58.9 47.4 71.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





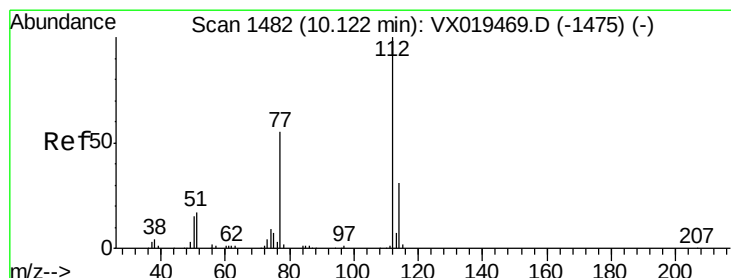
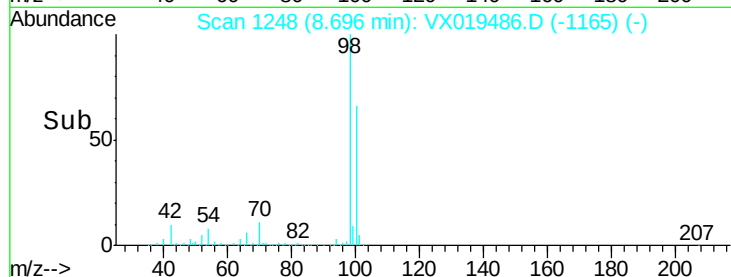
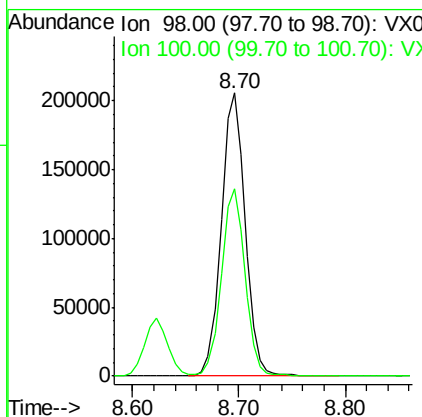
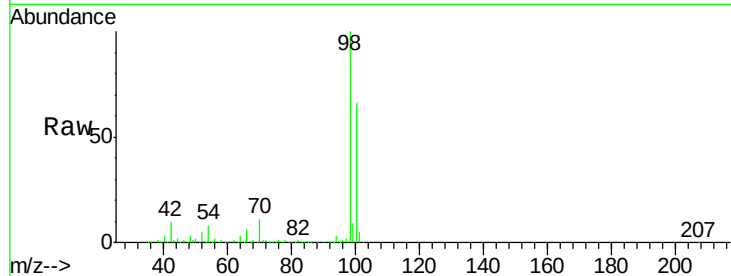
#63
Toluene-d8
Concen: 30.069 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.01 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 322771
Ion Ratio Lower Upper
98 100
100 65.7 53.6 80.4

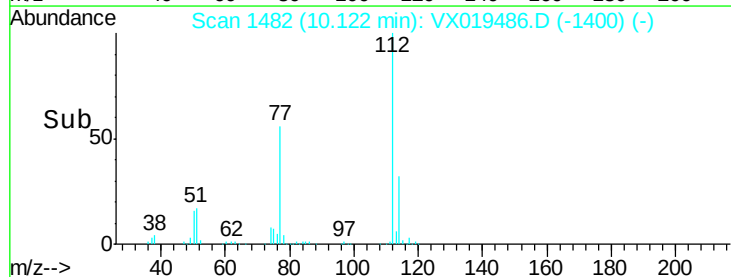
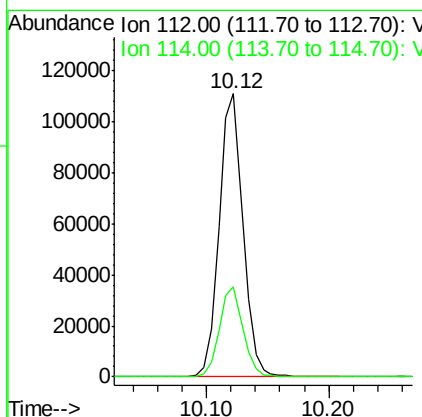
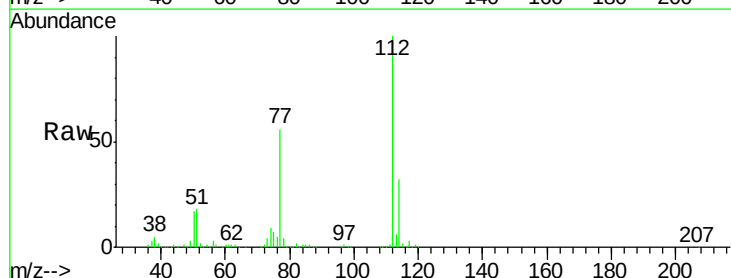
Manual Integrations
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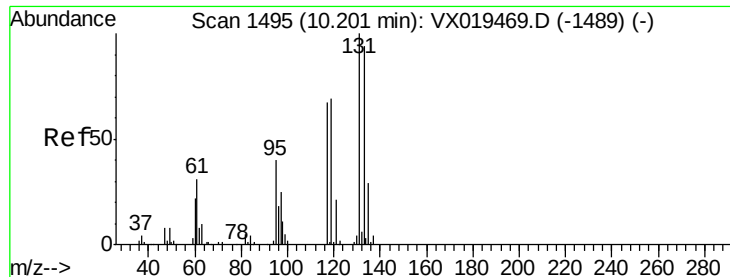
MMDadoda
11/20/2020 12:25:20 PM



#64
Chlorobenzene
Concen: 18.339 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion: 112 Resp: 150452
Ion Ratio Lower Upper
112 100
114 31.7 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 17.812 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

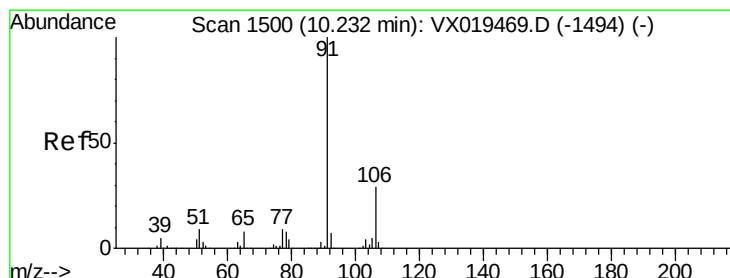
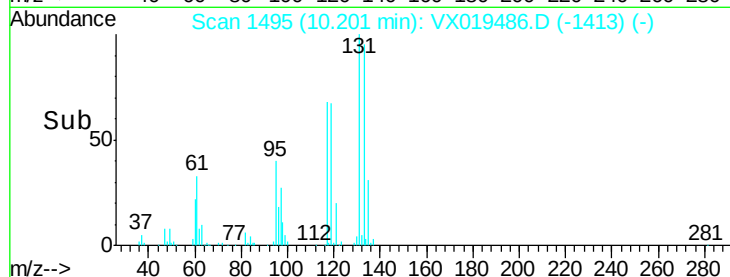
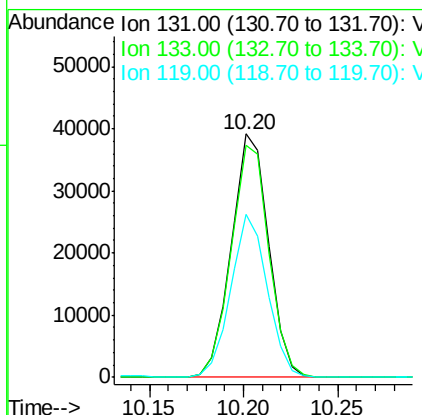
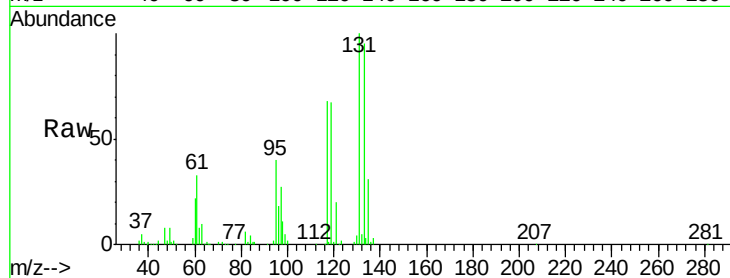
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
131	100	53796		
133	96.7	0.0	189.4	
119	65.7	0.0	130.4	

Manual Integrations
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11/20/2020 12:25:20 PM



#66

Ethyl Benzene

Concen: 17.814 ug/l

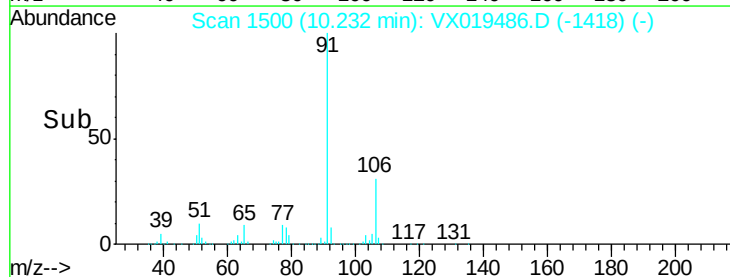
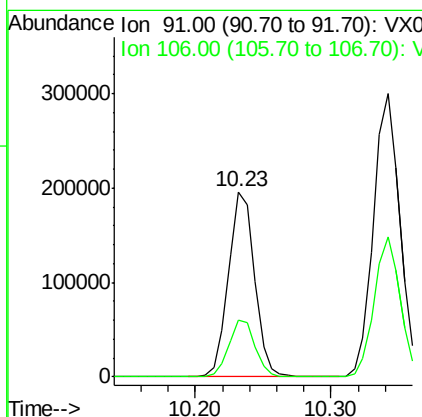
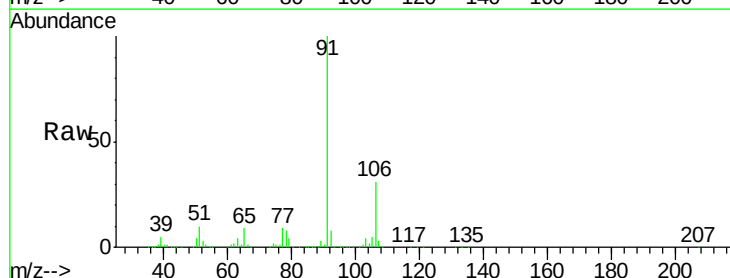
RT: 10.23 min Scan# 1500

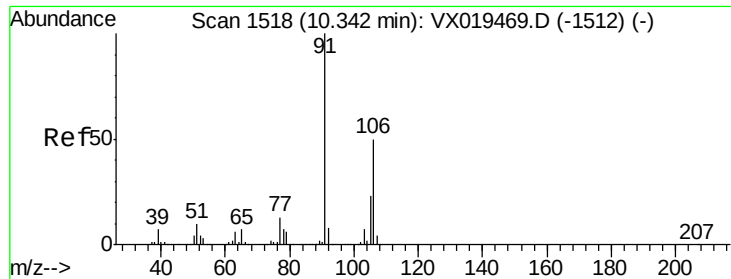
Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	262919		
106	30.8	23.5	35.3	





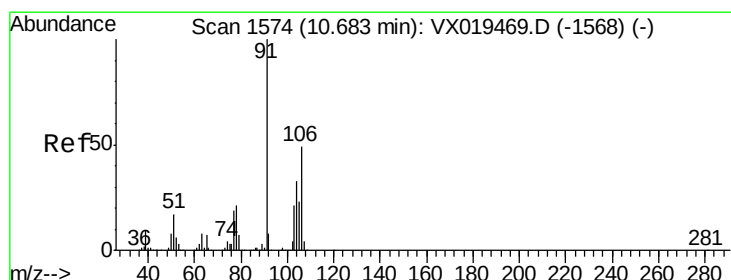
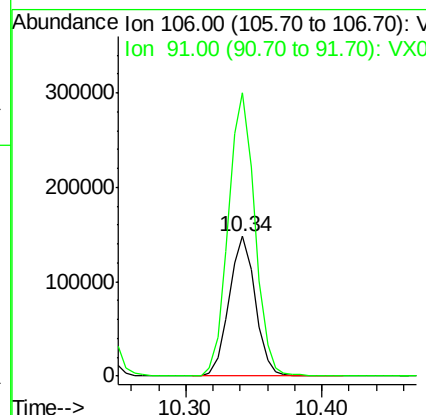
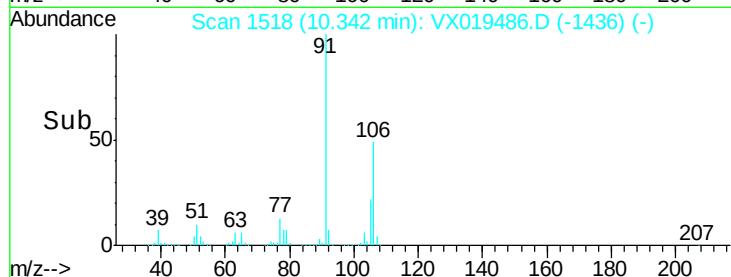
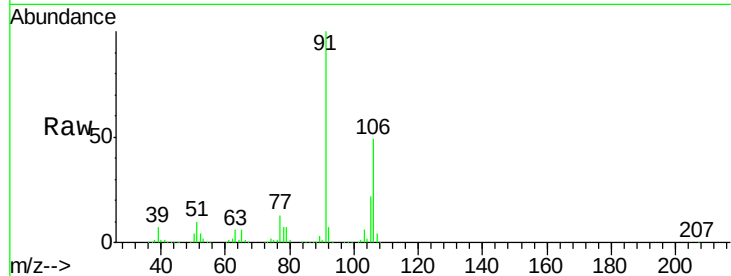
#67
m/p-Xylenes
Concen: 35.955 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	204.5	162.7	244.1	

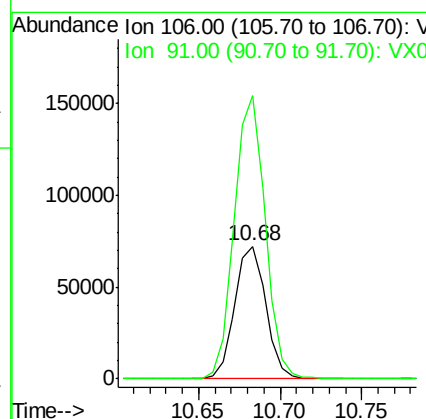
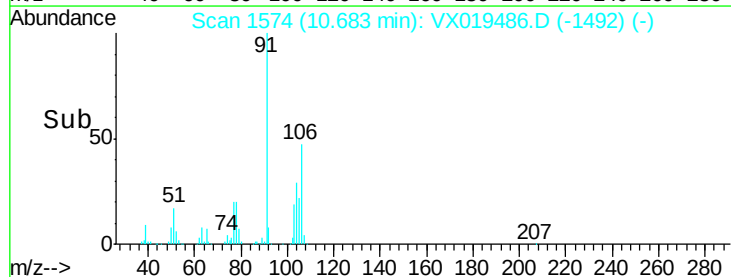
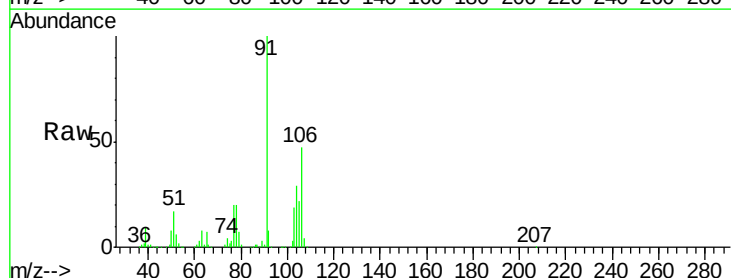
Manual Integrations
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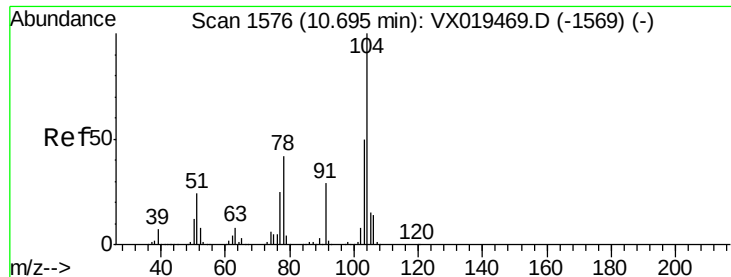
MMDadoda
11/20/2020 12:25:20 PM



#68
o-Xylene
Concen: 18.303 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	212.2	108.3	324.9	





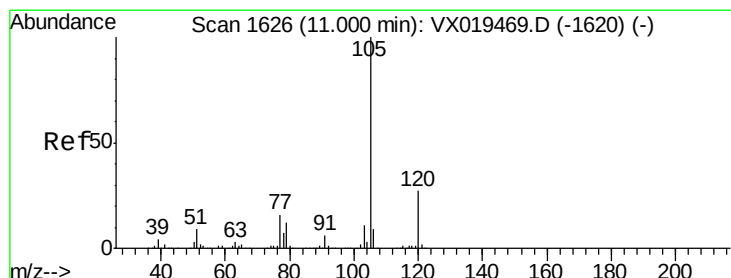
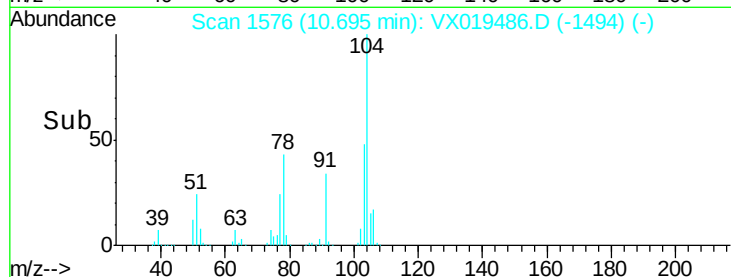
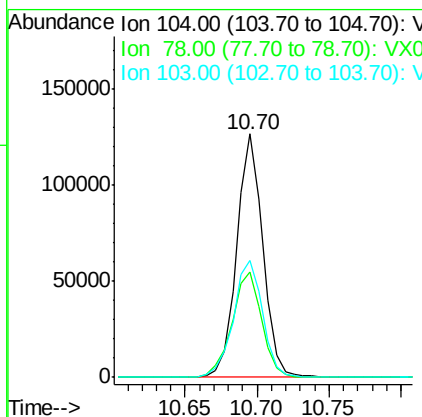
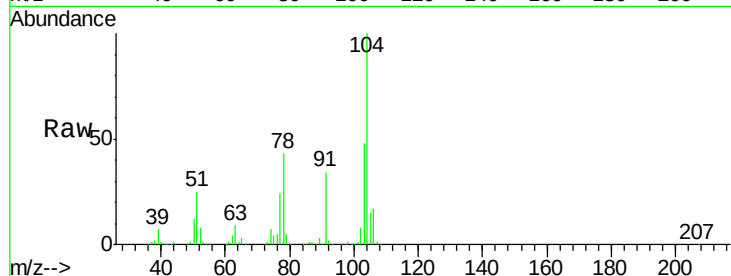
#69
Stvrene
Concen: 17.873 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
104	100	159551		
78	49.7		39.2	58.8
103	53.9		43.8	65.8

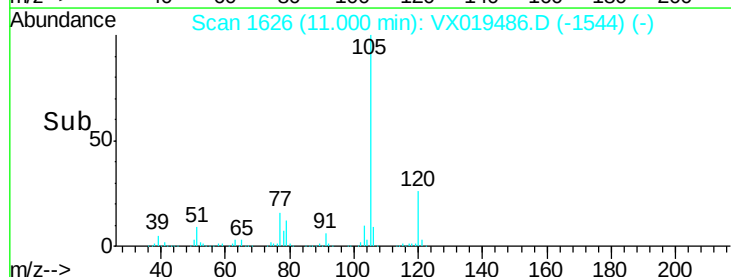
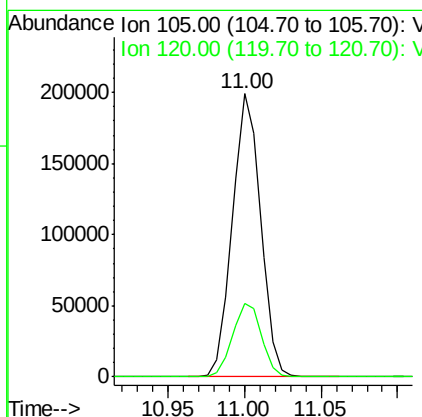
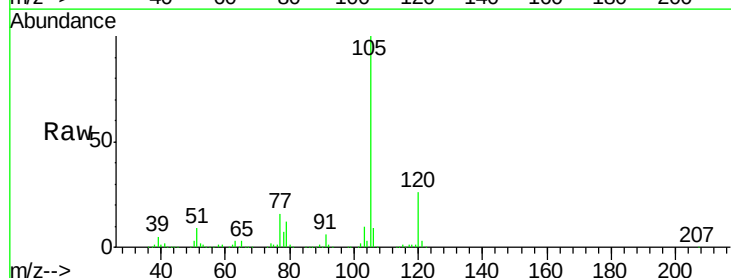
Manual Integrations
APPROVED

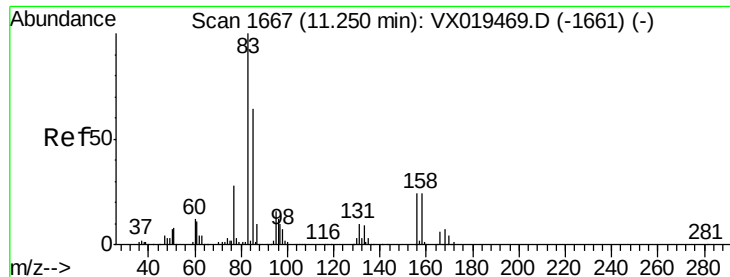
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#70
Isopropylbenzene
Concen: 17.952 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	254984		
120	26.4		18.5	34.3





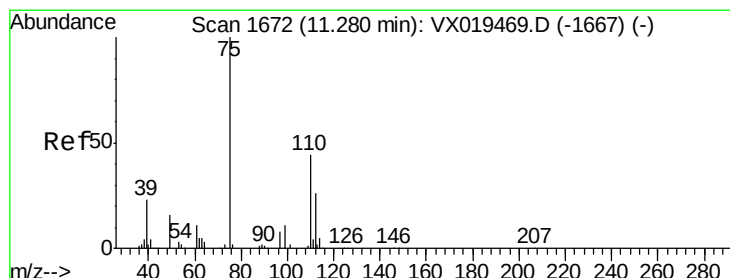
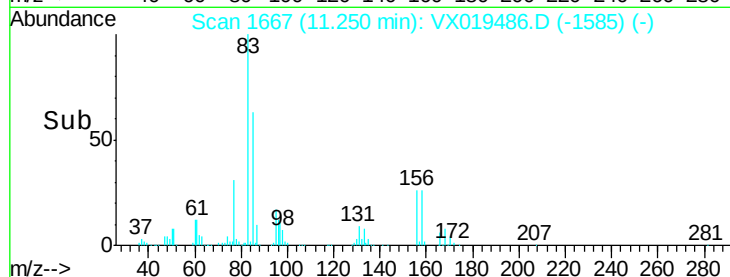
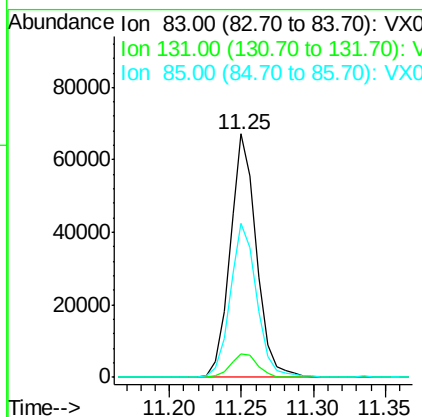
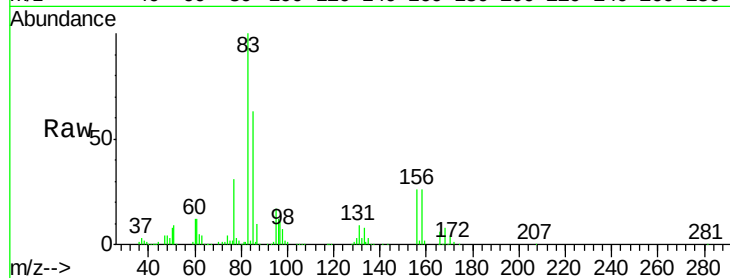
#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.694 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	63.7	31.6	94.8

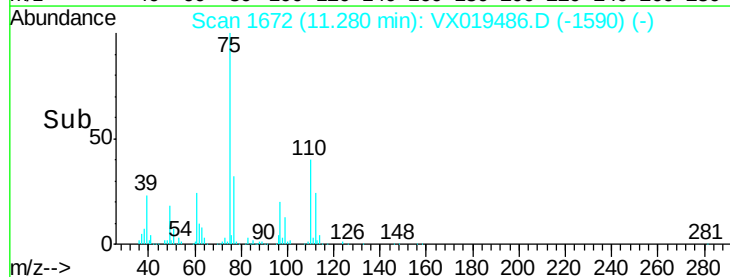
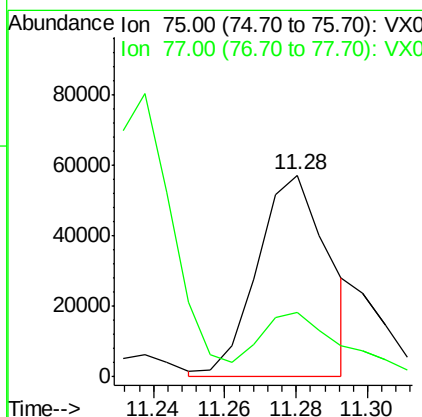
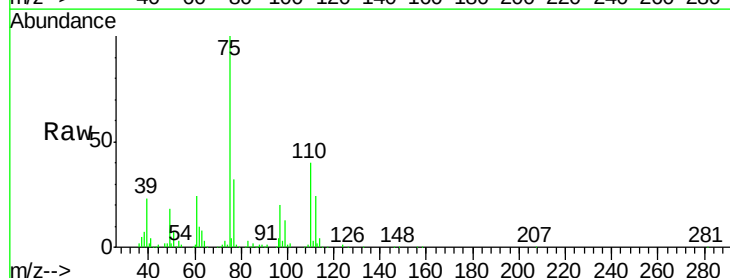
Manual Integrations
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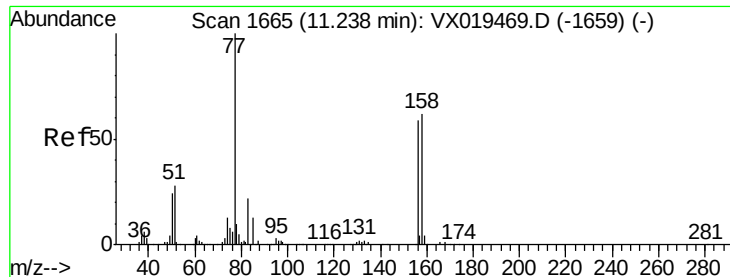
MMDadoda
 11/20/2020 12:25:20 PM



#72
 1,2,3-Trichloropropane
 Concen: 18.060 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.8	0.0	78.4





#73

Bromobenzene

Concen: 17.614 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:156 Resp: 62399

Ion Ratio Lower Upper

156 100

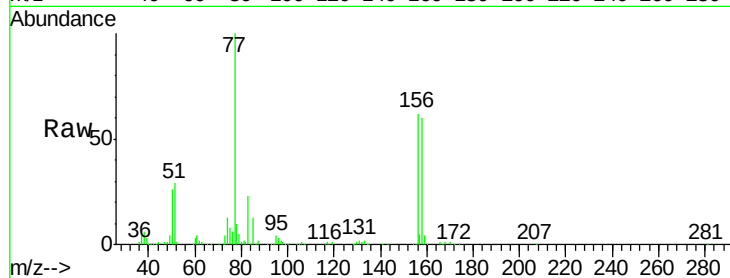
77 166.0 0.0 329.0

158 97.5 0.0 197.0

Manual Integrations
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MMDadoda

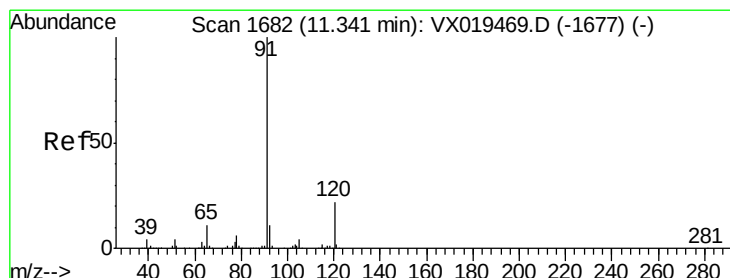
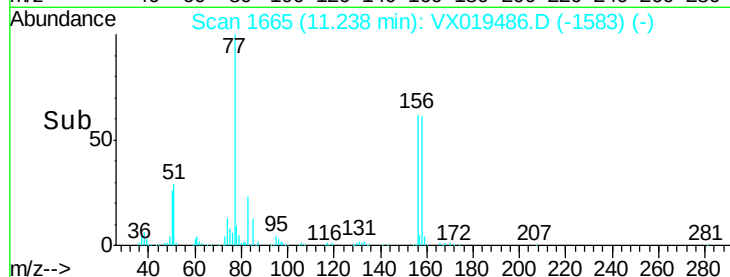
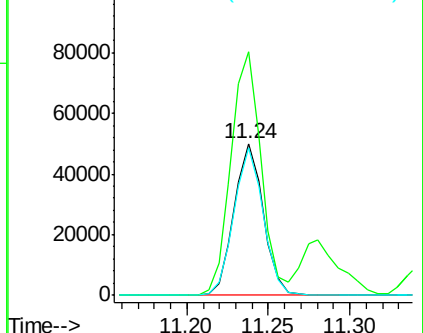
11/20/2020 12:25:20 PM



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.635 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019486.D

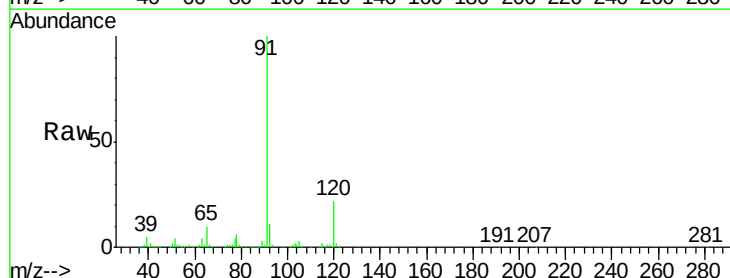
Acq: 19 Nov 2020 23:10

Tgt Ion: 91 Resp: 291249

Ion Ratio Lower Upper

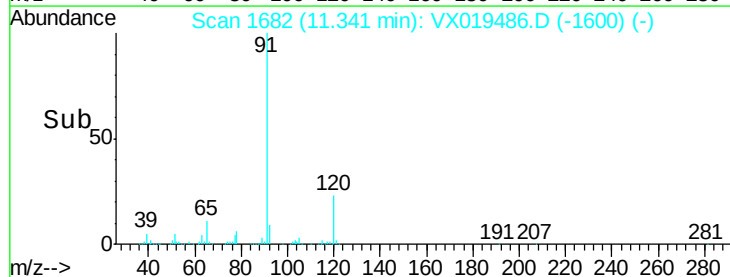
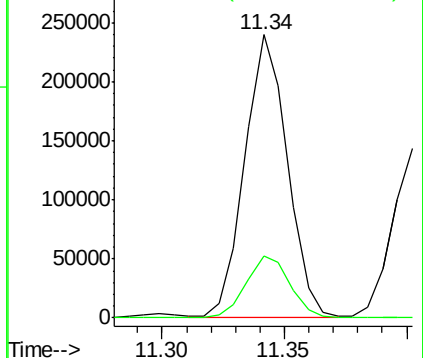
91 100

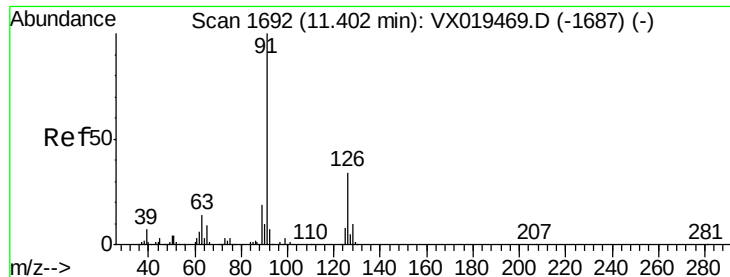
120 22.5 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





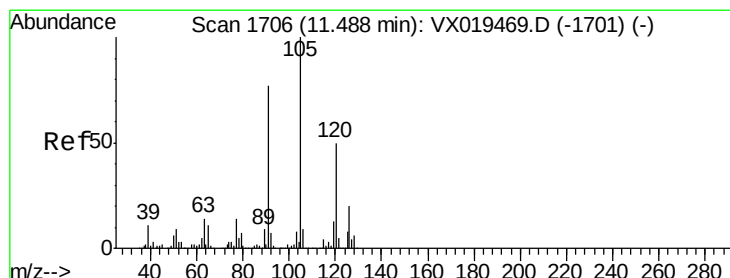
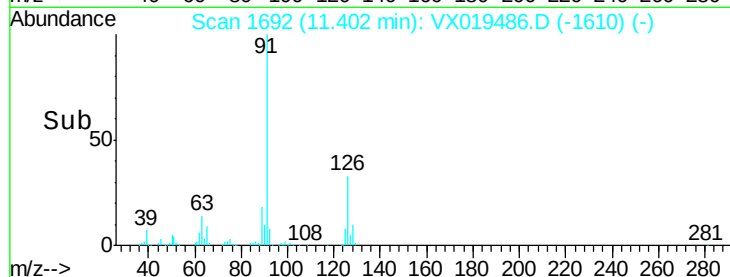
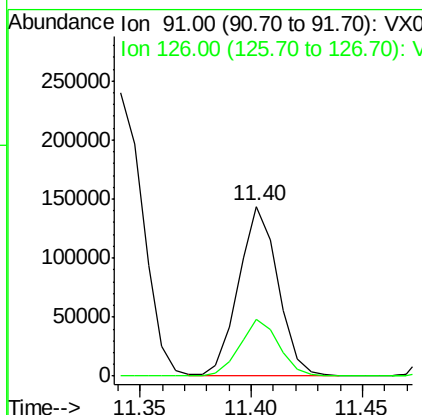
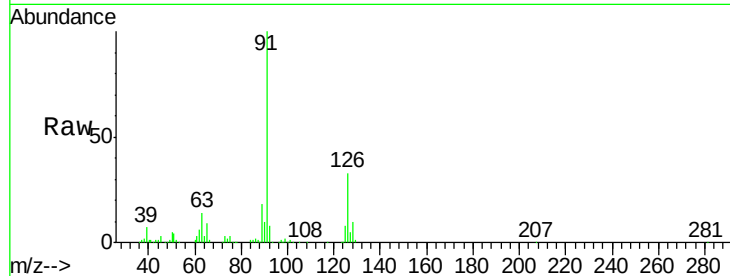
#75
 2-Chlorotoluene
 Concen: 17.994 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.1	0.0	66.4

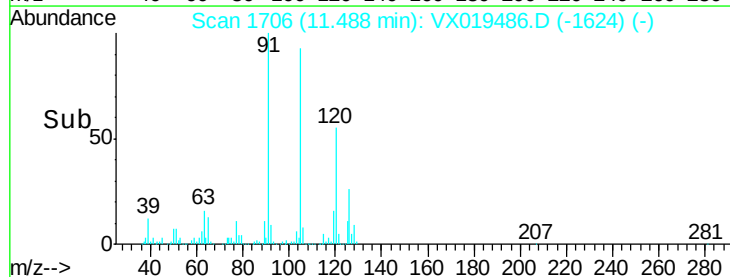
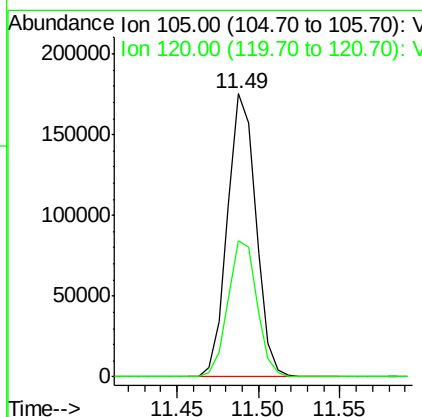
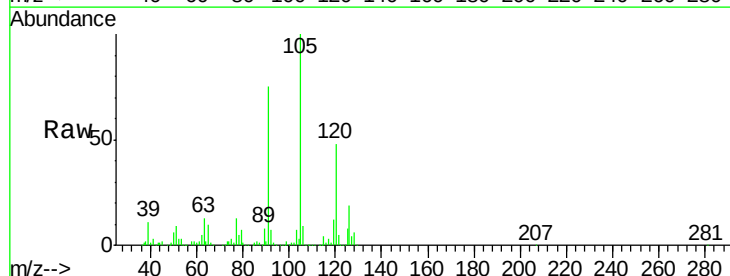
Manual Integrations
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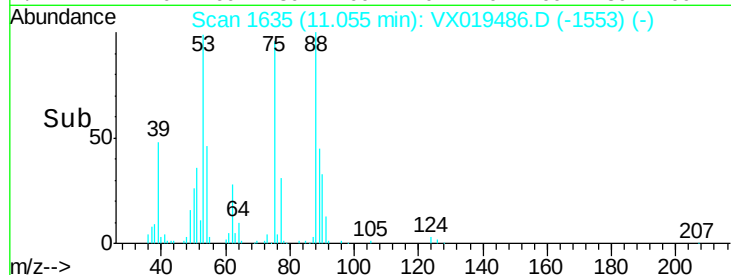
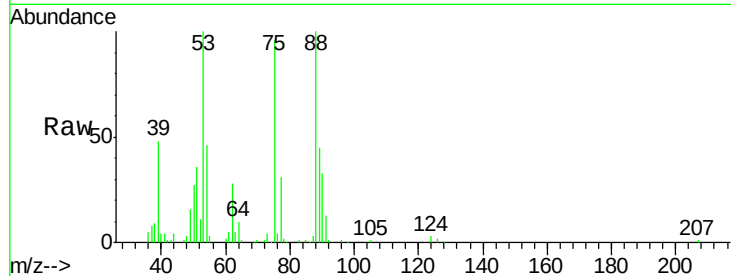
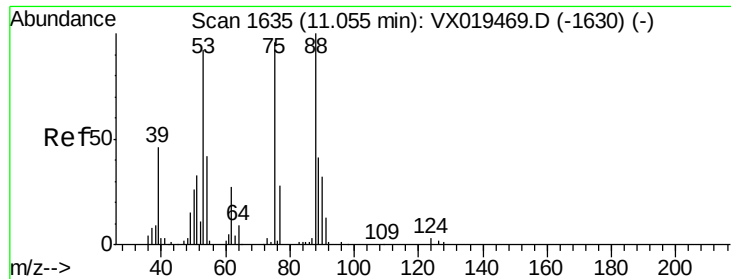
MMDadoda
 11/20/2020 12:25:20 PM



#76
 1,3,5-Trimethylbenzene
 Concen: 17.712 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.9	0.0	99.4





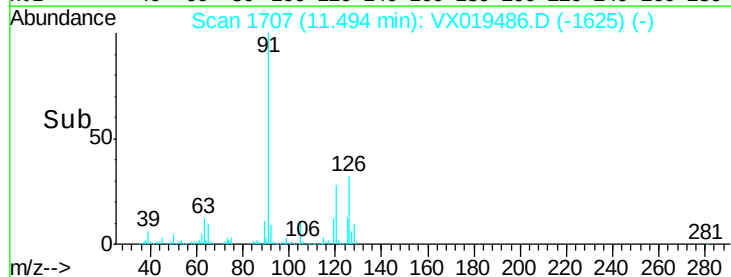
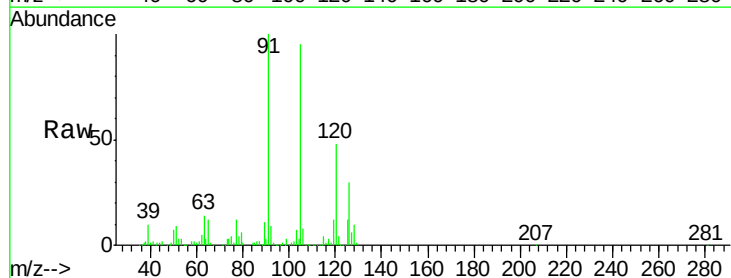
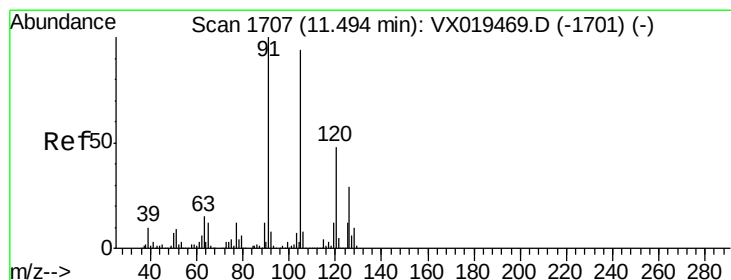
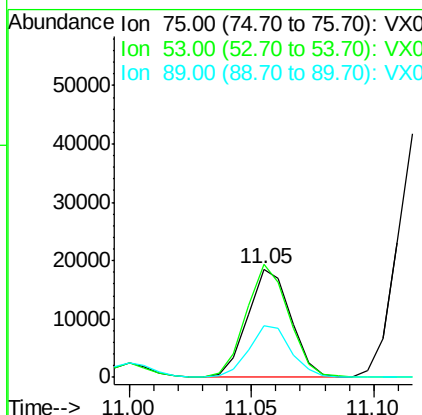
#77
t-1,4-Dichloro-2-butene
Concen: 15.337 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tot Ion: 75 Resp: 22914
Ion Ratio Lower Upper
75 100
53 104.0 47.9 143.6
89 47.0 21.4 64.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

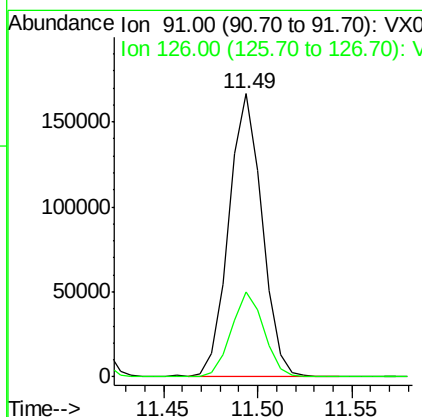
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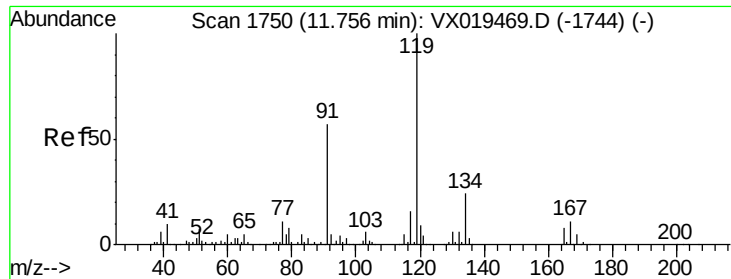
MMDadoda
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#78
4-Chlorotoluene
Concen: 17.570 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion: 91 Resp: 203365
Ion Ratio Lower Upper
91 100
126 29.5 0.0 58.6





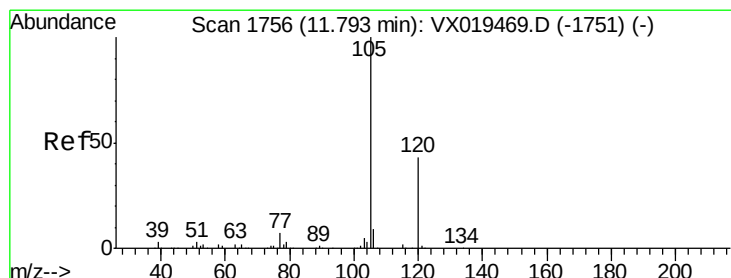
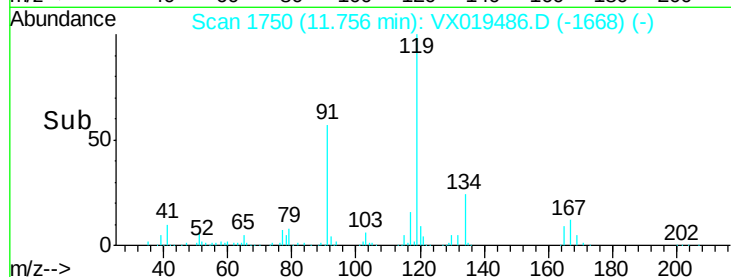
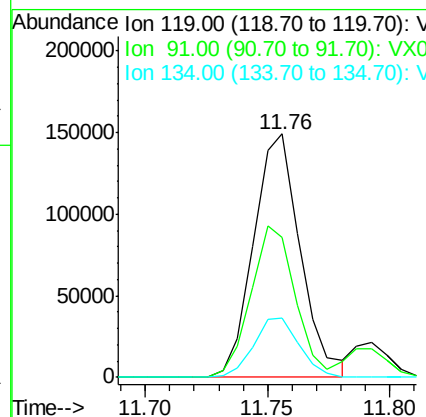
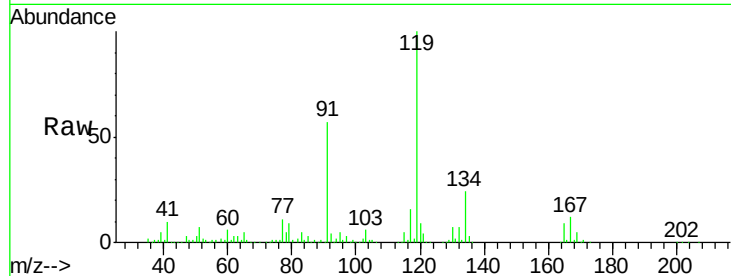
#79
tert-butylbenzene
Concen: 17.214 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	198711		
91	59.1		0.0	117.0
134	24.0		0.0	47.2

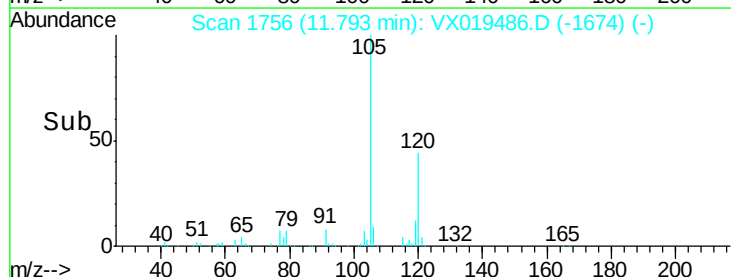
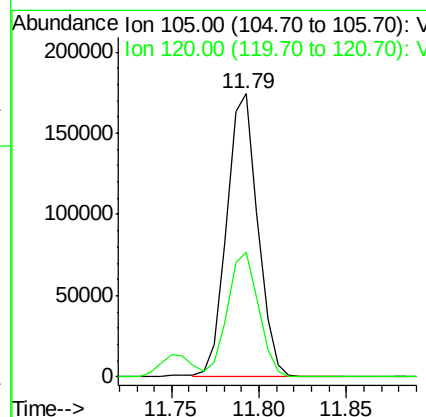
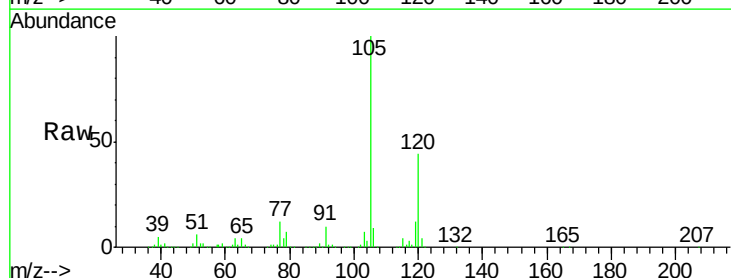
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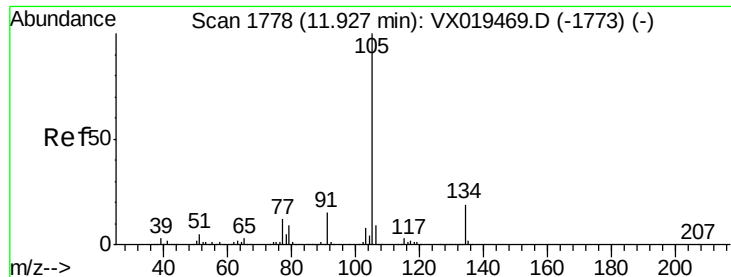
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#80
1,2,4-Trimethylbenzene
Concen: 17.740 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	214556		
120	44.3		0.0	91.2





#81

sec-Butylbenzene

Concen: 17.426 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 241472

Ion Ratio Lower Upper

105 100

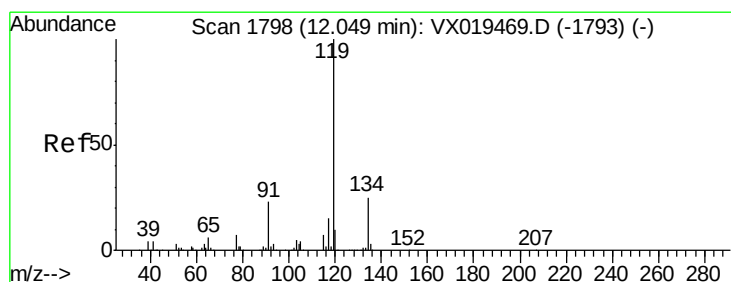
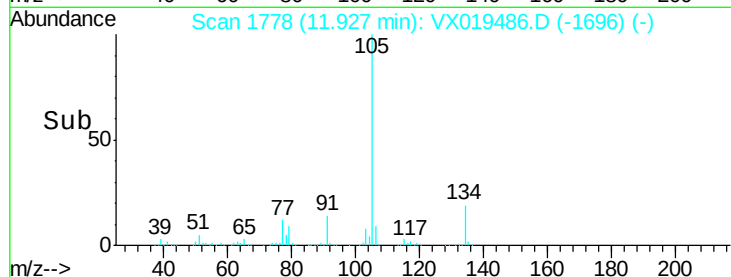
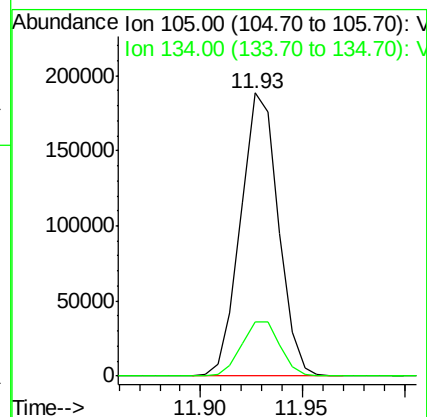
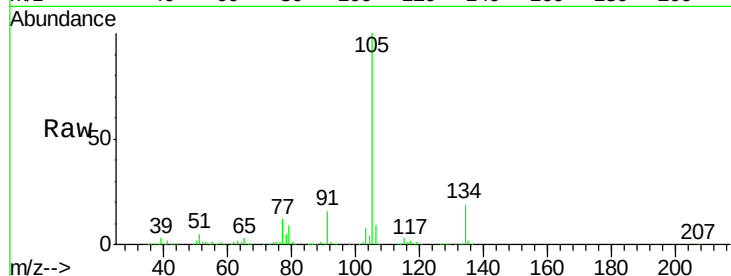
134 19.6 0.0 39.2

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#82

p-Isopropyltoluene

Concen: 17.248 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

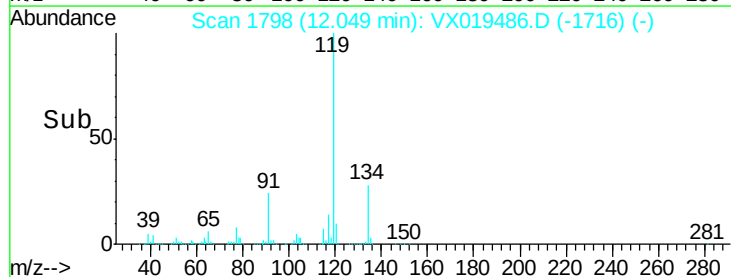
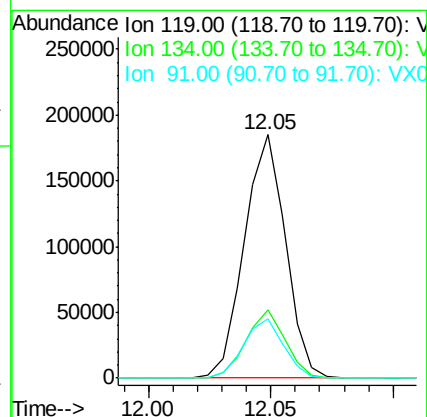
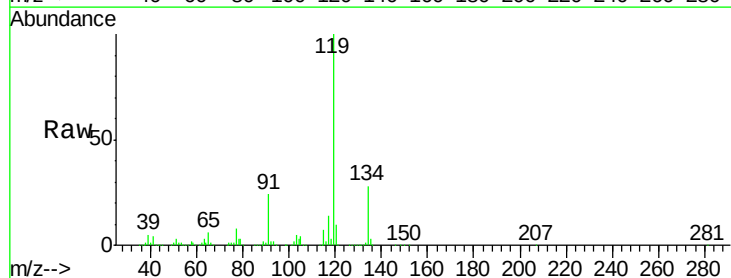
Tgt Ion:119 Resp: 217350

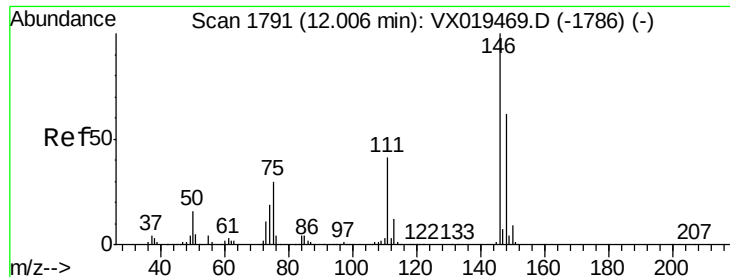
Ion Ratio Lower Upper

119 100

134 26.6 0.0 51.8

91 23.9 0.0 47.6





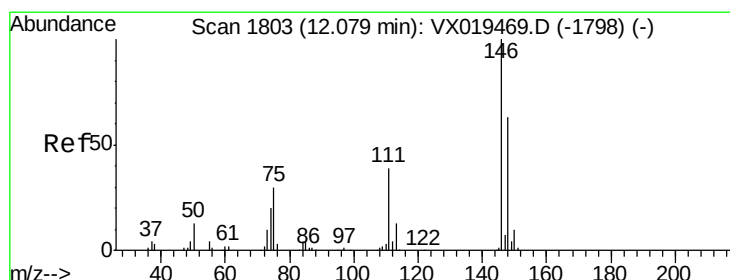
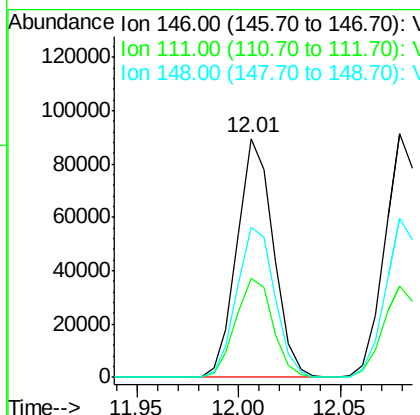
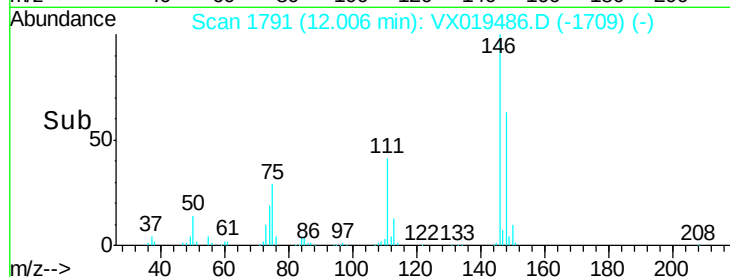
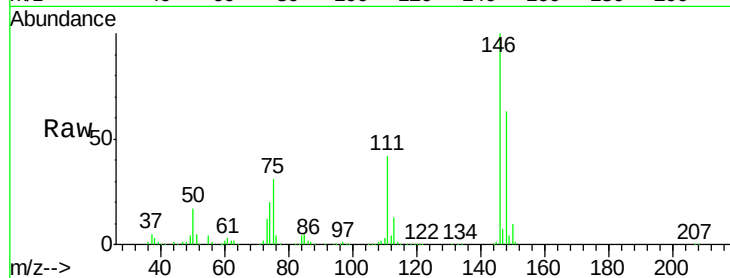
#83
 1,3-Dichlorobenzene
 Concen: 16.957 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.0	60.0
148	65.8	31.4	94.0

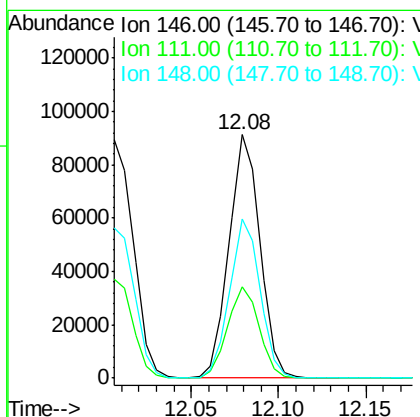
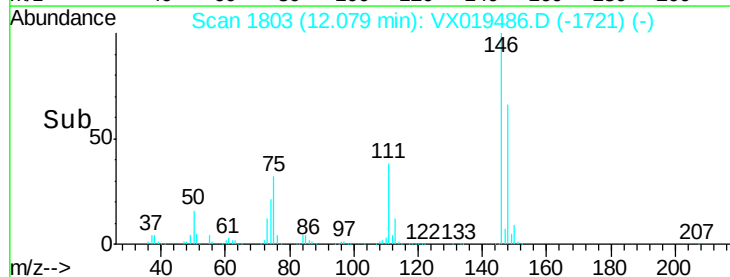
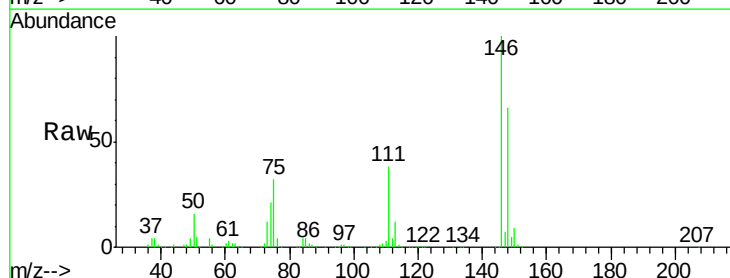
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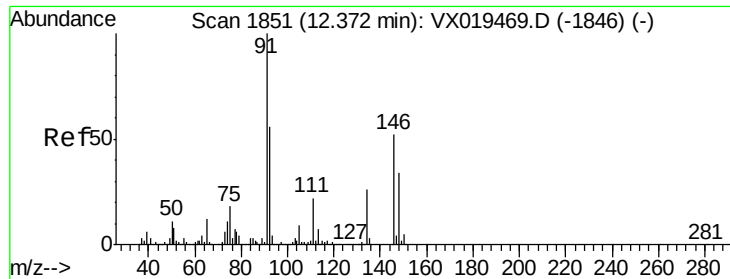
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#84
 1,4-Dichlorobenzene
 Concen: 16.978 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.9
148	64.7	31.4	94.2





#85

n-Butylbenzene

Concen: 16.247 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

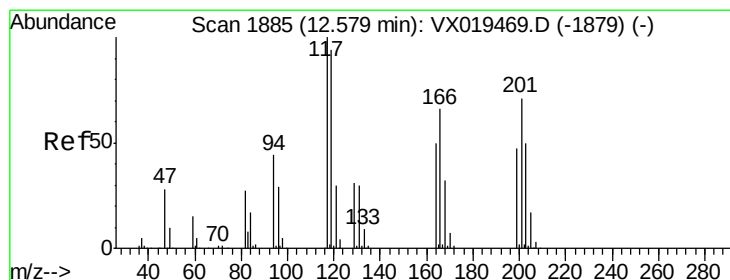
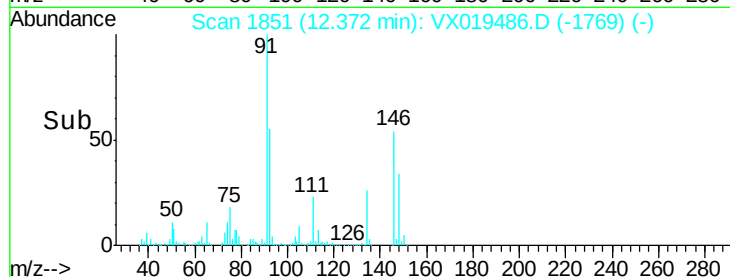
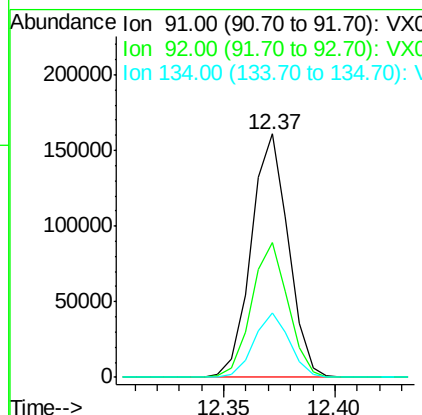
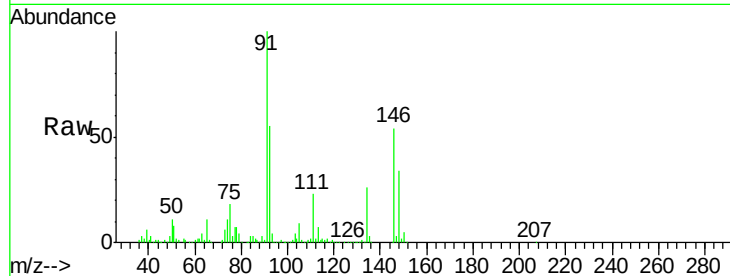
ClientSampleId :

VSTDCCC020EC

Tot Ion:	91	Resp:	186820
Ion	Ratio	Lower	Upper
91	100		
92	54.4	0.0	111.2
134	25.6	0.0	51.2

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#86

Hexachloroethane

Concen: 16.357 ug/l

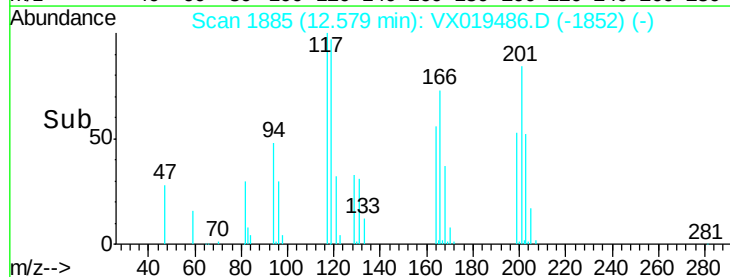
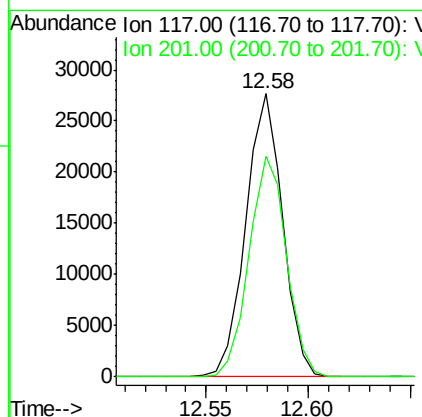
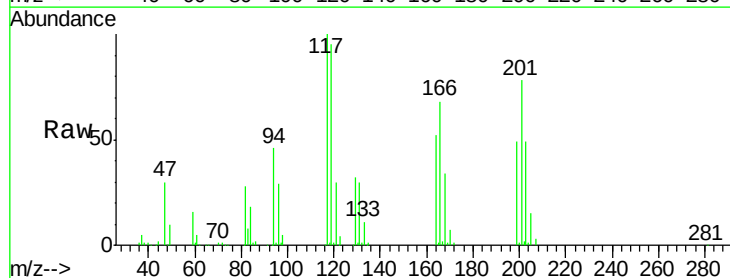
RT: 12.58 min Scan# 1885

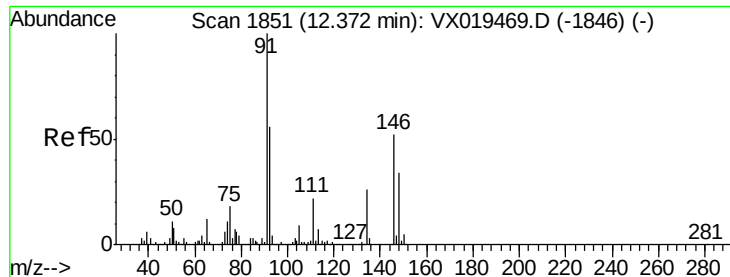
Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Tgt Ion:	117	Resp:	34693
Ion	Ratio	Lower	Upper
117	100		
201	79.3	38.4	115.1





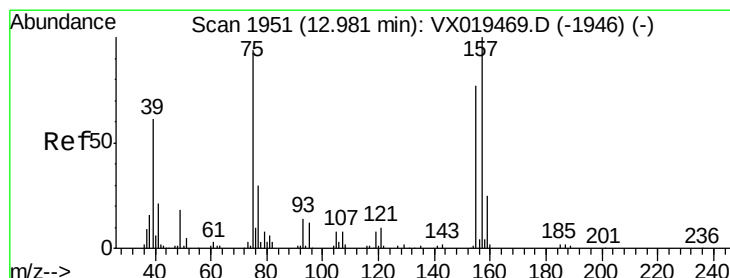
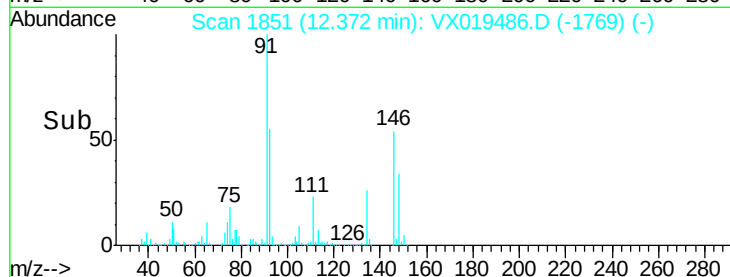
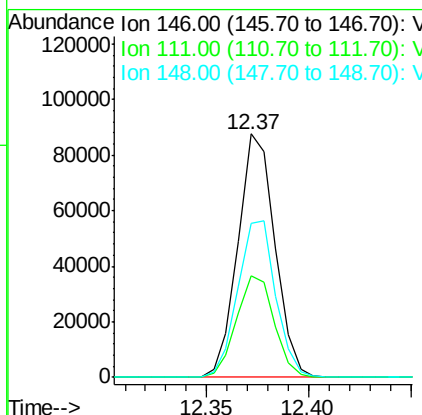
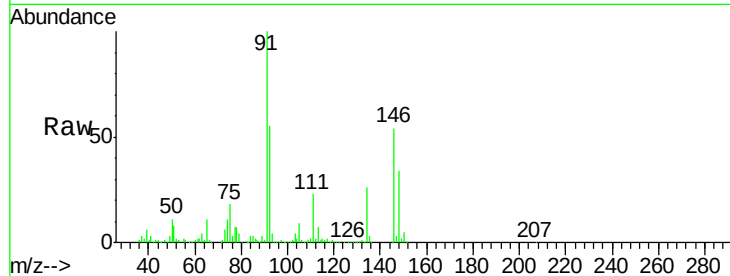
#87
 1,2-Dichlorobenzene
 Concen: 17.087 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	110402		
111	42.6	20.5	61.6	
148	65.9	31.5	94.5	

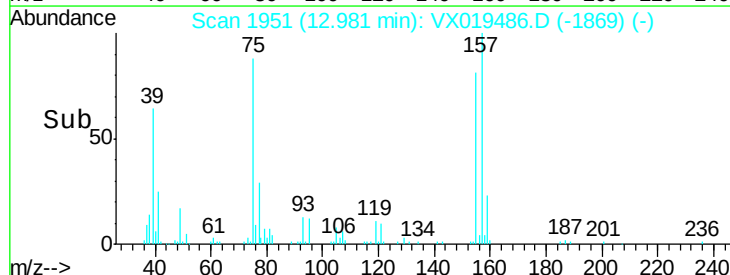
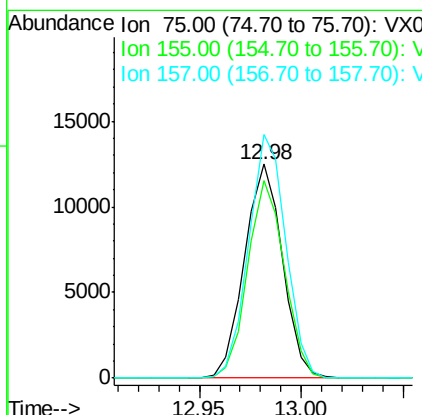
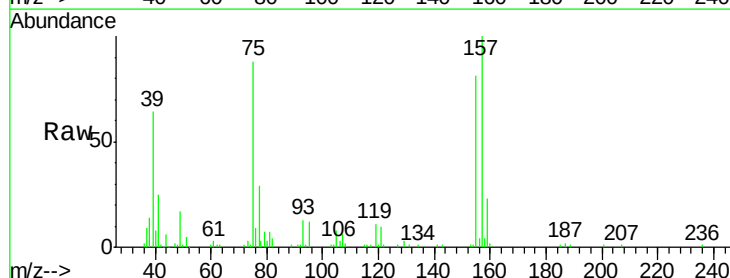
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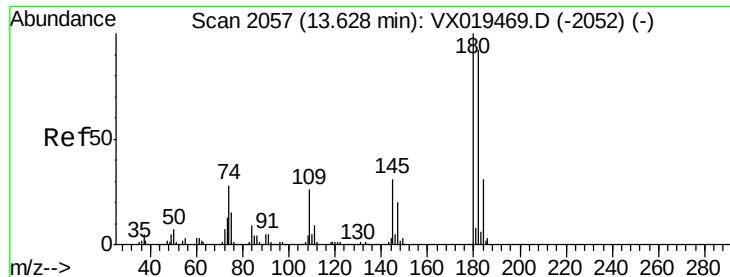
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.907 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16213		
155	88.9	68.6	103.0	
157	111.4	90.0	135.0	





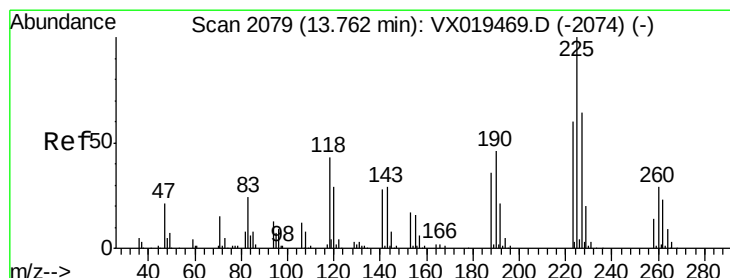
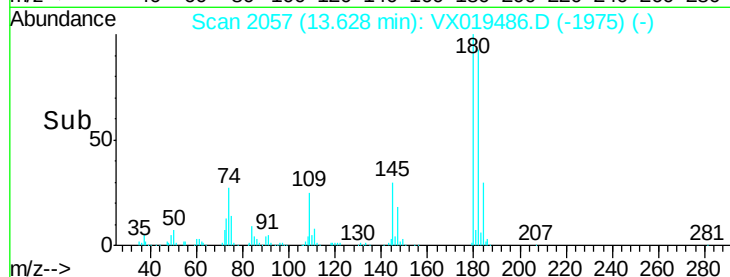
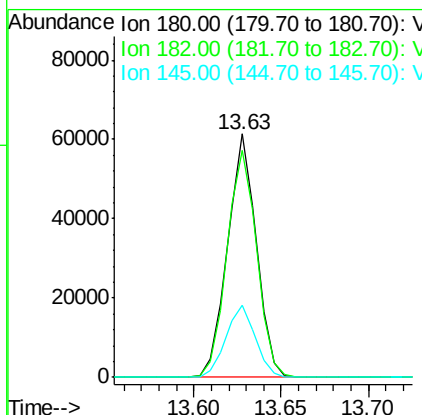
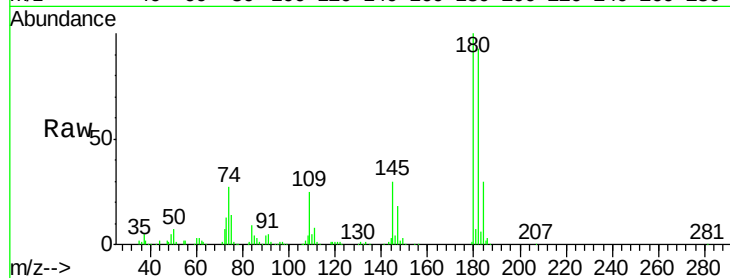
#89
 1,2,4-Trichlorobenzene
 Concen: 16.276 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.1	114.1
145	30.4	24.7	37.1

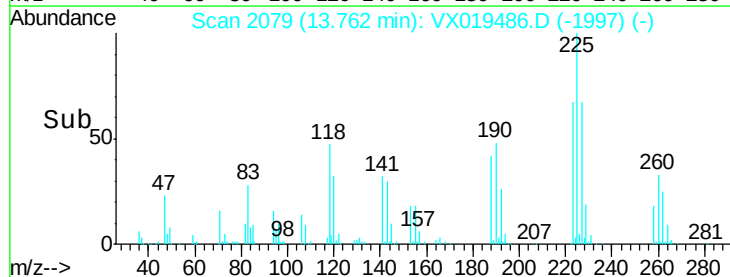
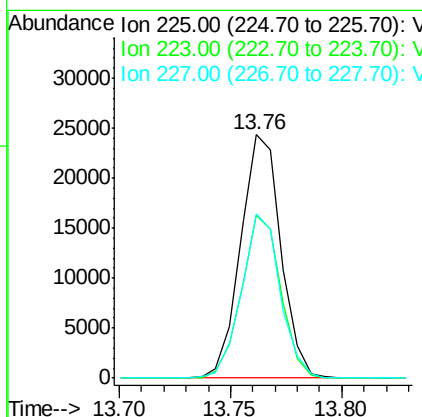
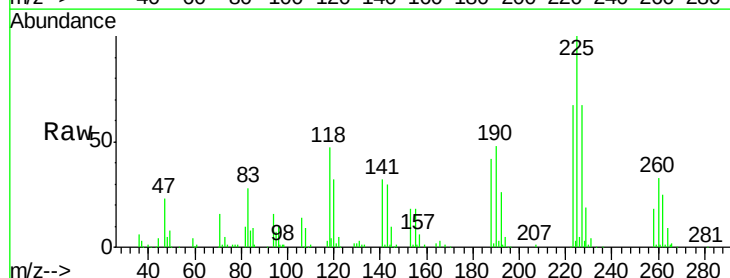
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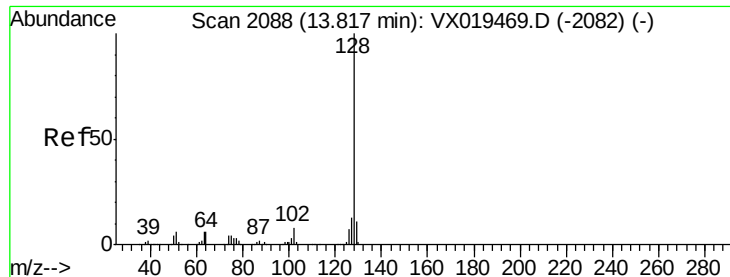
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#90
 Hexachlorobutadiene
 Concen: 15.823 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	0.0	119.2
227	65.0	0.0	126.4





#91

Naphthalene

Concen: 16.445 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

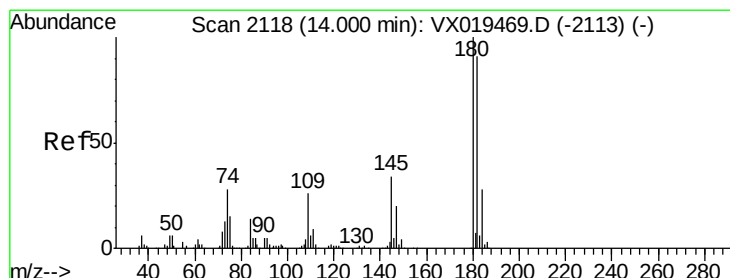
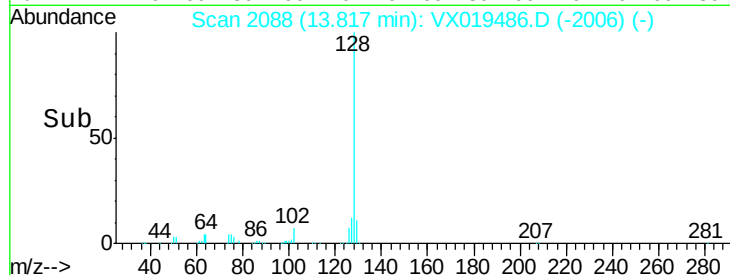
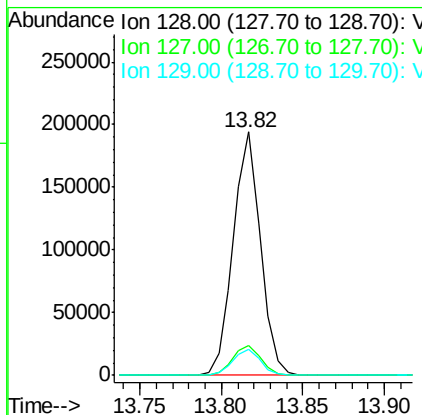
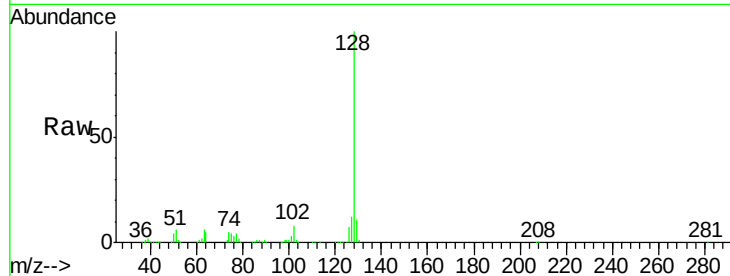
ClientSampleId :

VSTDCCC020EC

Tot Ion:	128	Resp:	225591
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.1	15.1
129	11.0	8.6	12.8

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#92

1,2,3-Trichlorobenzene

Concen: 16.468 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Tgt Ion:	180	Resp:	71000
Ion Ratio	Lower	Upper	
180	100		
182	96.2	0.0	192.2
145	33.0	0.0	63.6

