

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019073.D
 Acq On : 23 Oct 2020 12:11
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102320

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 11:17:02 AM

Quant Time: Oct 26 04:20:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	42559	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	247502	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	219909	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	88177	31.11	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.70%
60) 4-Bromofluorobenzene	11.12	95	98915	29.97	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.90%
63) Toluene-d8	8.70	98	292316	30.11	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	42157	19.711	ug/l 100
3) Chloromethane	1.31	50	37130	19.213	ug/l 99
4) Vinyl Chloride	1.39	62	51151	20.195	ug/l 98
5) Bromomethane	1.64	94	40714	23.208	ug/l 100
6) Chloroethane	1.72	64	34110	19.873	ug/l 97
7) Trichlorofluoromethane	1.92	101	90736	20.573	ug/l 93
8) Diethyl Ether	2.17	74	34014	20.575	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	41859	19.863	ug/l 99
10) 1,1-Dichloroethene	2.36	96	42536	19.855	ug/l 98
11) Methyl Iodide	2.49	142	26611	16.793	ug/l 97
12) Methyl Acetate	2.75	43	42387	19.986	ug/l 96
13) Acrolein	2.28	56	22821	116.862	ug/l 99
14) Acrylonitrile	3.12	53	98973	99.333	ug/l 100
15) Acetone	2.42	58	29646	103.865	ug/l 98
16) Carbon Disulfide	2.55	76	118657	19.926	ug/l 100
17) Allyl chloride	2.71	41	52688	19.688	ug/l 99
18) Methylene Chloride	2.84	84	47517	19.448	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	48693	19.460	ug/l 99
20) Diisopropyl ether	3.82	45	106325	19.613	ug/l 96
21) 1,1-Dichloroethane	3.67	63	77801	19.547	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	55858	19.272	ug/l 99
23) tert-Butyl Alcohol	3.01	59	52204	108.071	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	133668	19.731	ug/l 100
25) Chloroform	5.18	83	85255	19.331	ug/l 100
26) Cyclohexane	5.55	56	60715	19.630	ug/l # 98
29) 1,1-Dichloropropene	5.77	75	64781	18.554	ug/l 99
30) 2-Butanone	4.64	43	135434	97.365	ug/l 99
31) 2,2-Dichloropropane	4.55	77	73860	18.488	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	77177	18.390	ug/l 99
33) Carbon Tetrachloride	5.76	117	65449	17.971	ug/l 99
34) Benzene	6.11	78	191445	18.635	ug/l 99
35) Methacrylonitrile	5.00	41	27679	18.382	ug/l 94
36) 1,2-Dichloroethane	6.16	62	64947	18.429	ug/l 99
37) Trichloroethene	7.19	130	54251	18.372	ug/l 100
38) Methylcyclohexane	7.44	83	71500	18.269	ug/l 98
39) 1,2-Dichloropropane	7.49	63	44534	18.674	ug/l 100
40) Dibromomethane	7.63	93	34202	18.480	ug/l 98

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MMDadoda
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Quant Time: Oct 26 04:20:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	66485	18.170	ug/l	96
42) Vinyl Acetate	3.78	43	505757	93.446	ug/l	100
43) Ethyl Acetate	4.79	43	54724	18.754	ug/l	100
44) Isopropyl Acetate	6.41	43	91192	18.663	ug/l	100
45) 1,4-Dioxane	7.71	88	20593	400.951	ug/l	95
46) Methyl methacrylate	7.74	41	42356	18.314	ug/l	99
47) n-amyl Acetate	10.88	43	73391	18.725	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	72605	17.724	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	78498	18.008	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	48191	17.977	ug/l	95
51) Ethyl methacrylate	9.16	69	70964	18.142	ug/l	96
52) 1,3-Dichloropropane	9.35	76	79648	18.238	ug/l	100
53) Dibromochloromethane	9.56	129	51087	17.119	ug/l	99
54) 1,2-Dibromoethane	9.65	107	51442	17.660	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	193485	92.560	ug/l	100
56) Bromoform	10.84	173	35486	17.009	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	267559	96.479	ug/l	99
59) 2-Hexanone	9.47	43	202233	97.860	ug/l	100
61) Tetrachloroethene	9.32	164	47157	18.076	ug/l	93
62) Toluene	8.76	91	213282	18.454	ug/l	99
64) Chlorobenzene	10.12	112	134463	18.716	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	47965	18.357	ug/l	100
66) Ethyl Benzene	10.23	91	236165	18.638	ug/l	99
67) m/p-Xylenes	10.34	106	179643	37.175	ug/l	99
68) o-Xylene	10.68	106	85896	18.637	ug/l	99
69) Styrene	10.70	104	143436	18.471	ug/l	99
70) Isopropylbenzene	11.00	105	230183	18.575	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	70061	19.583	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	63765m	19.820	ug/l	
73) Bromobenzene	11.24	156	58026	19.159	ug/l	99
74) n-propylbenzene	11.34	91	263583	18.785	ug/l	99
75) 2-Chlorotoluene	11.40	91	152242	19.181	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	189938	18.888	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	22781	17.830	ug/l	95
78) 4-Chlorotoluene	11.49	91	179977	19.296	ug/l	100
79) tert-butylbenzene	11.76	119	189909	19.179	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	189134	18.921	ug/l	99
81) sec-Butylbenzene	11.93	105	224546	19.164	ug/l	100
82) p-Isopropyltoluene	12.05	119	205977	19.075	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	102587	18.952	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	107329	19.528	ug/l	100
85) n-Butylbenzene	12.37	91	187277	19.369	ug/l	99
86) Hexachloroethane	12.58	117	30295	18.266	ug/l	100
87) 1,2-Dichlorobenzene	12.37	146	101372	19.562	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	15247	18.830	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	70657	18.947	ug/l	98
90) Hexachlorobutadiene	13.76	225	31375	19.842	ug/l	97
91) Naphthalene	13.82	128	231975	19.002	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	66446	18.522	ug/l	97

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Quant Time: Oct 26 04:20:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 03:21:29 2020
Response via : Initial Calibration

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

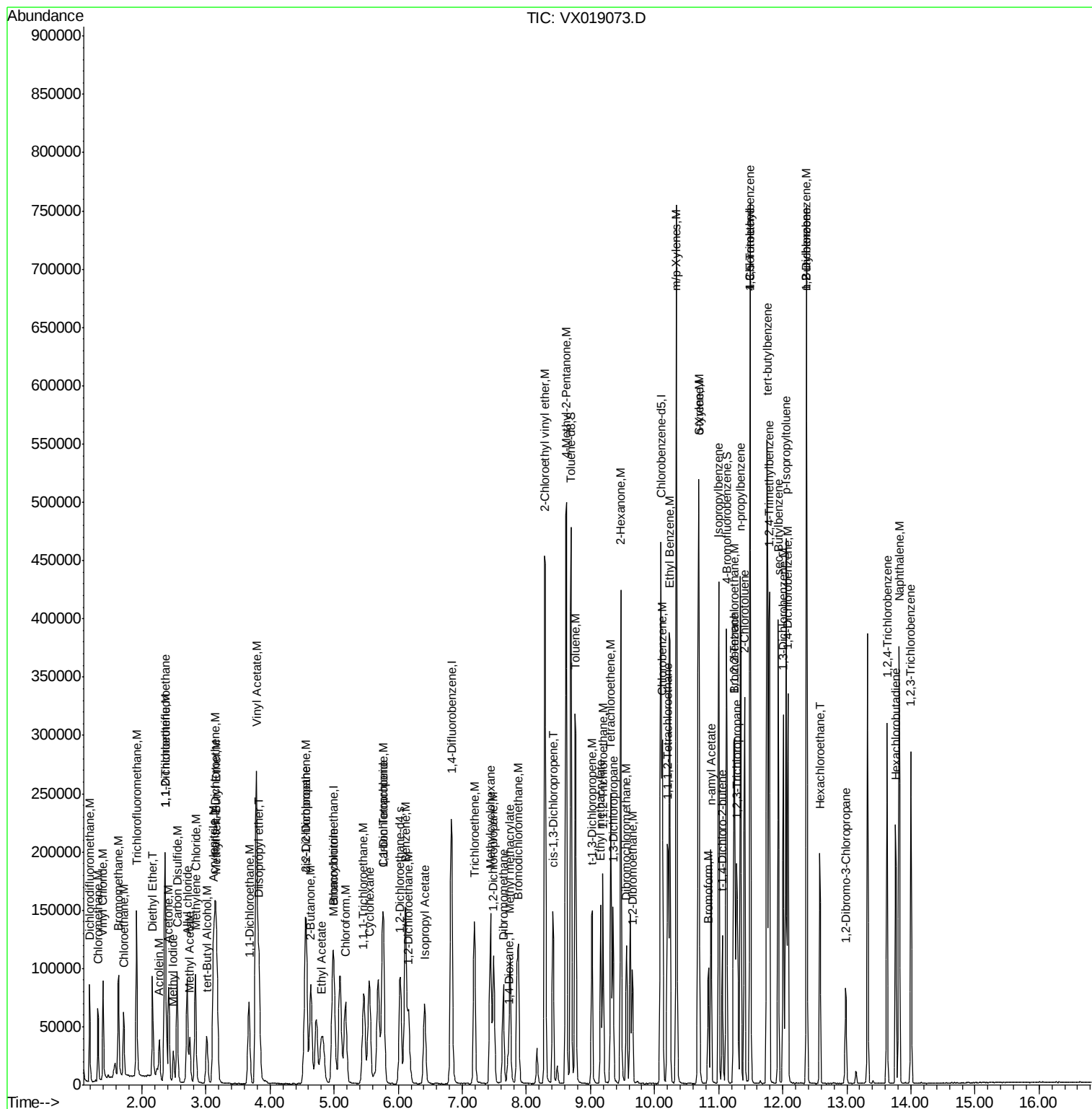
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Data File : VX019073.D
Acq On : 23 Oct 2020 12:11
Operator : JC/SP
Sample : VSTDICV020
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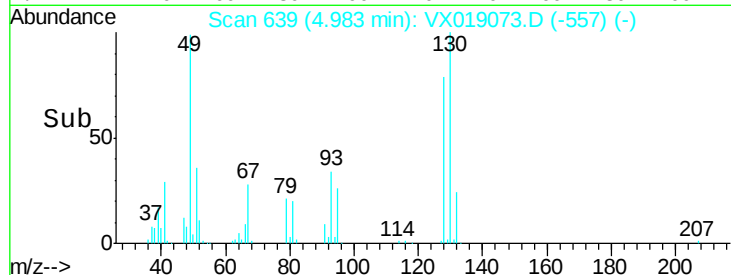
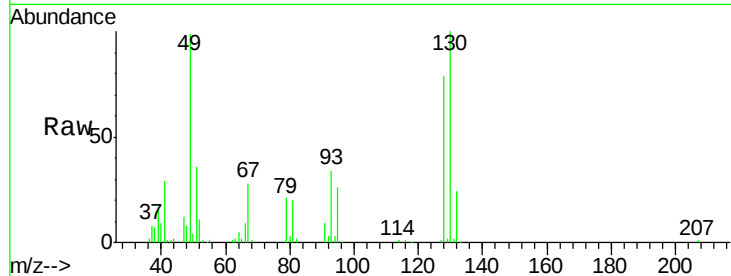
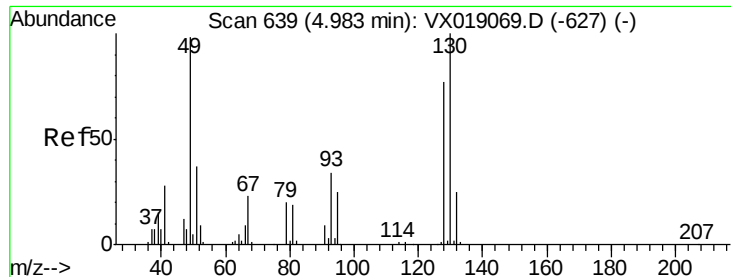
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

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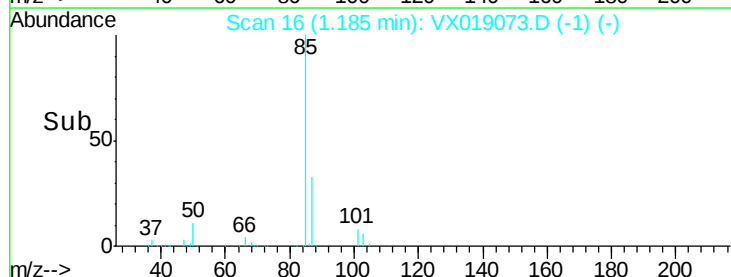
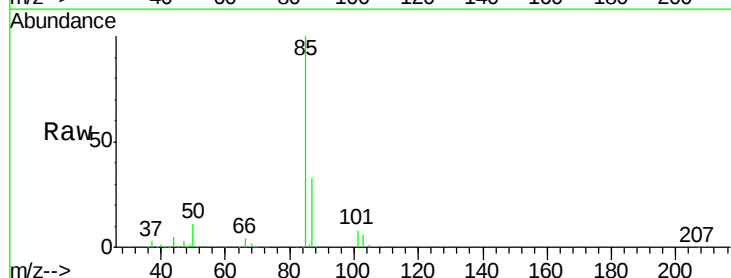
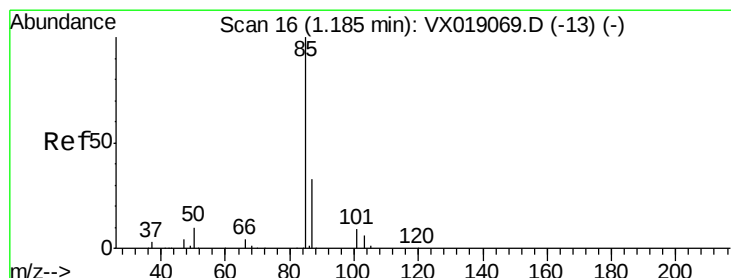
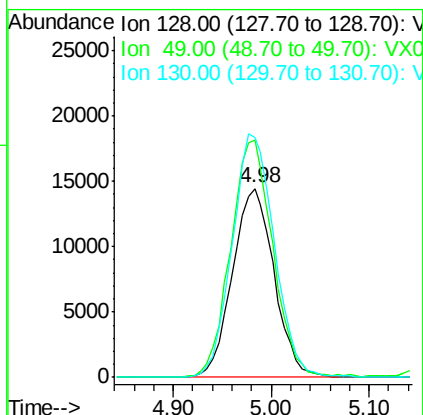
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tot Ion	Ratio	Lower	Upper
128	100		
49	127.1	0.0	318.8
130	130.5	0.0	321.8

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

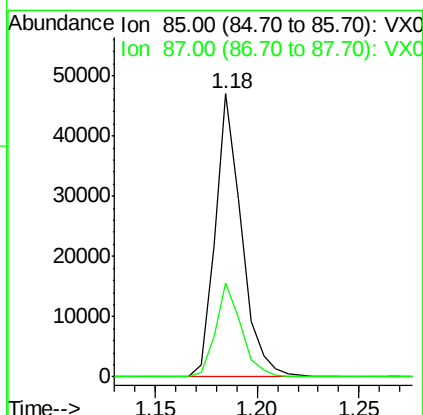
Manual Integrations
APPROVED

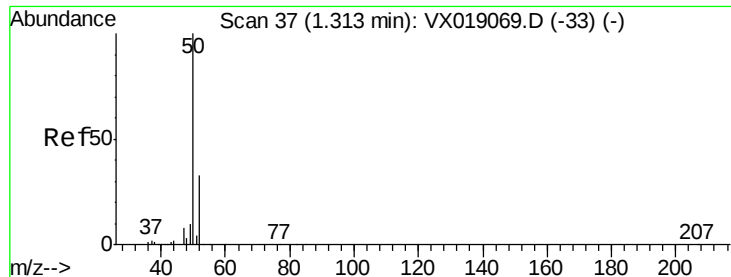
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#2
Dichlorodifluoromethane
Concen: 19.711 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.6	49.7





#3

Chloromethane

Concen: 19.213 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

Tot Ion: 50 Resp: 37130

Ion Ratio Lower Upper

50 100

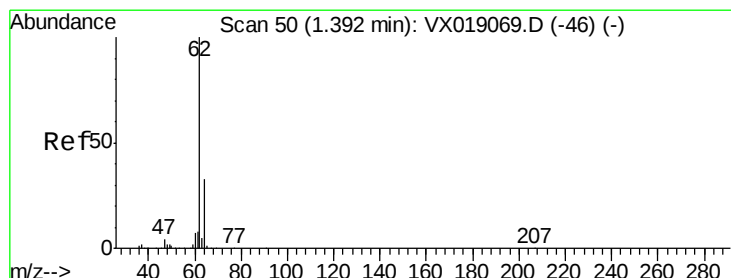
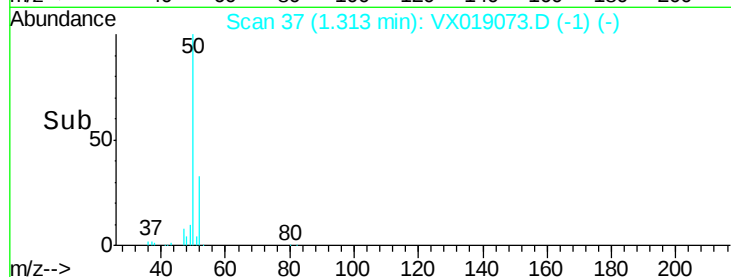
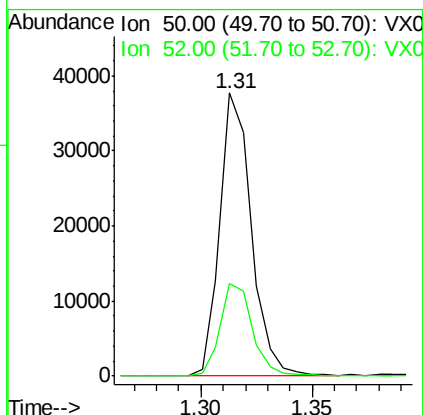
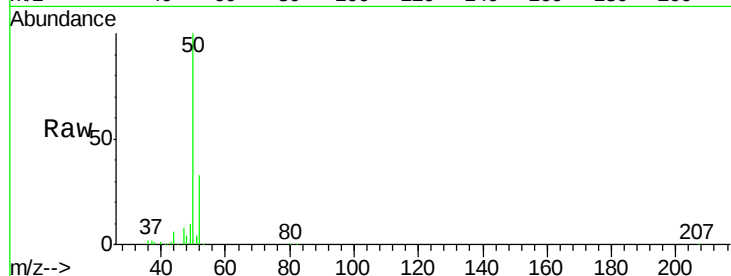
52 32.6 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.195 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019073.D

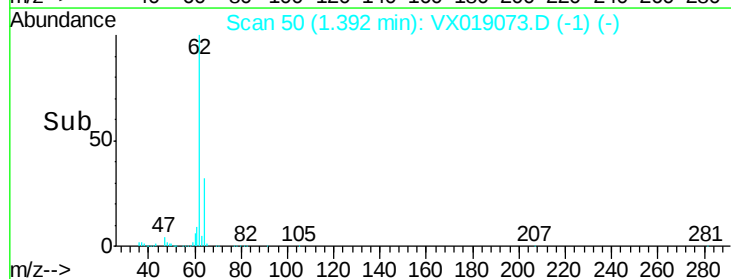
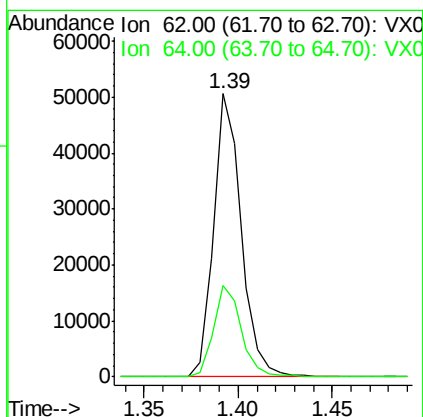
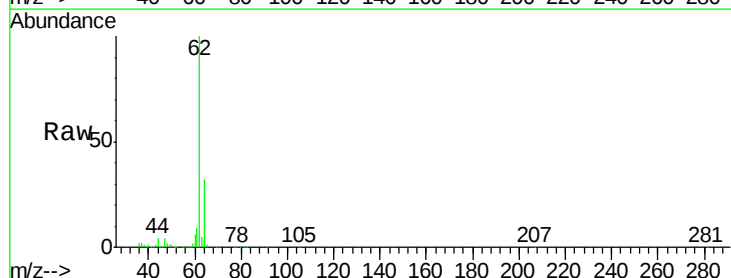
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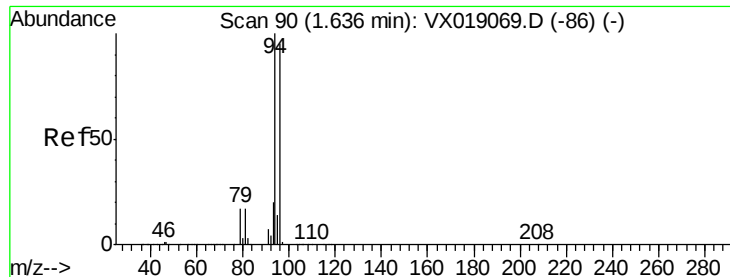
Tgt Ion: 62 Resp: 51151

Ion Ratio Lower Upper

62 100

64 32.1 26.7 40.1





#5

Bromomethane

Concen: 23.208 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

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ClientSampleId :

ICVVX102320

Tot Ion: 94 Resp: 40714

Ion Ratio Lower Upper

94 100

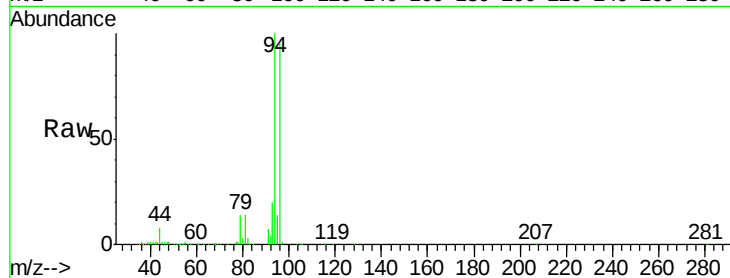
96 94.9 76.2 114.2

Manual Integrations

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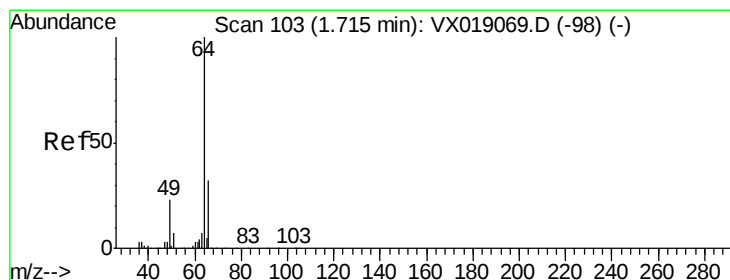
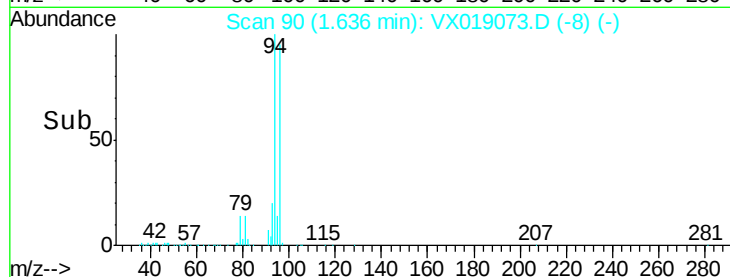
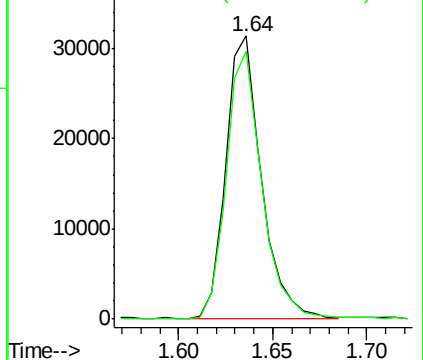
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.873 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019073.D

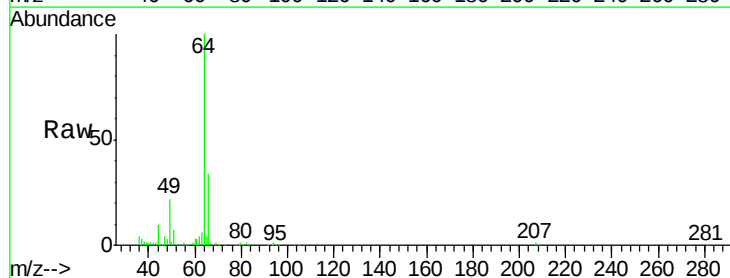
Acq: 23 Oct 2020 12:11

Tgt Ion: 64 Resp: 34110

Ion Ratio Lower Upper

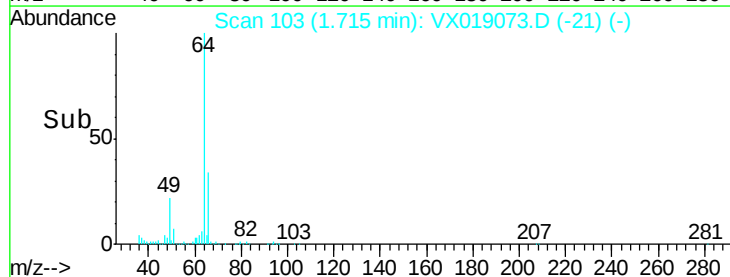
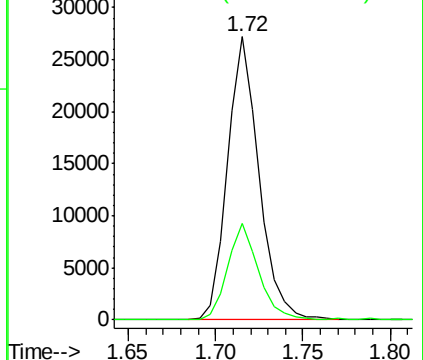
64 100

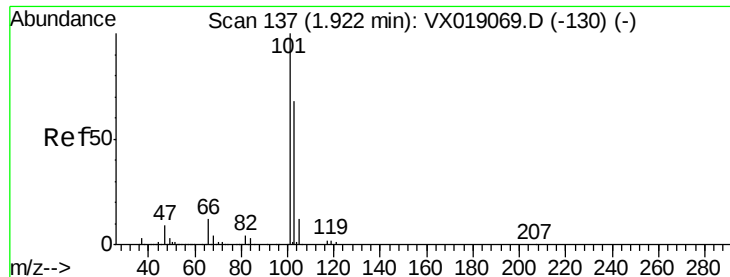
66 34.0 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

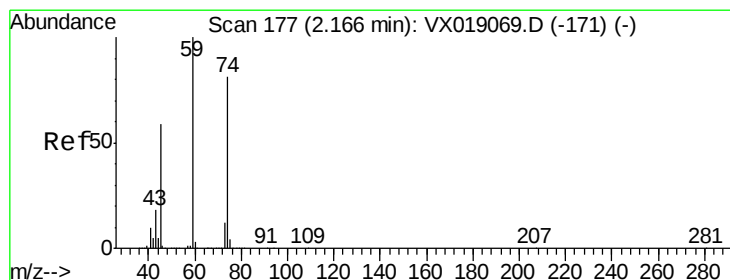
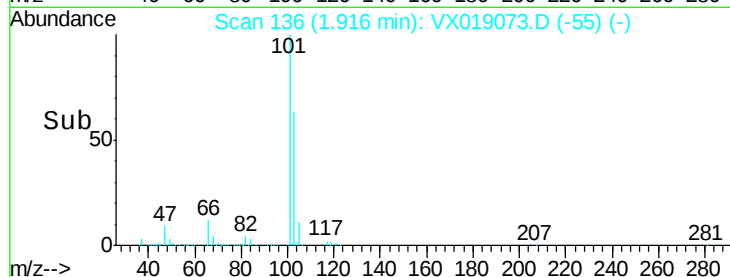
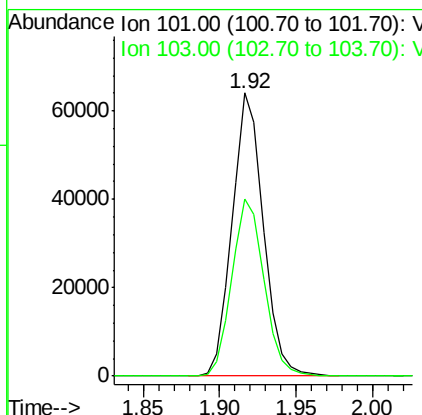
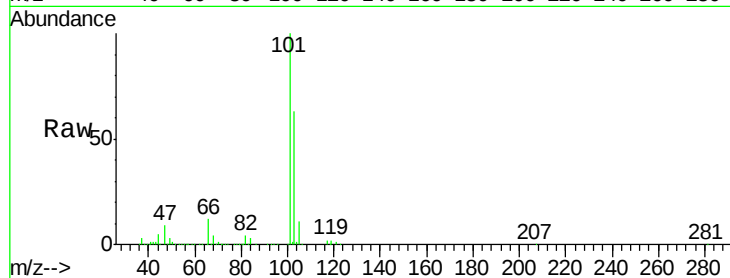
Trichlorofluoromethane
Concen: 20.573 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	54.2	81.4

Manual Integrations
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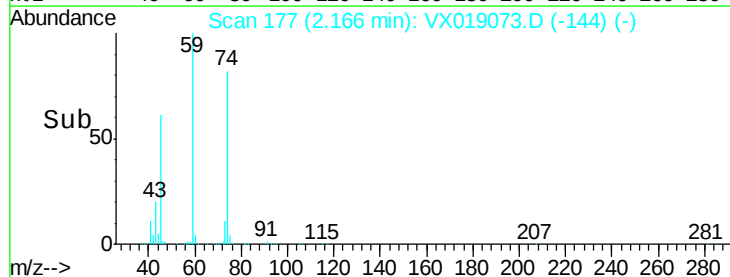
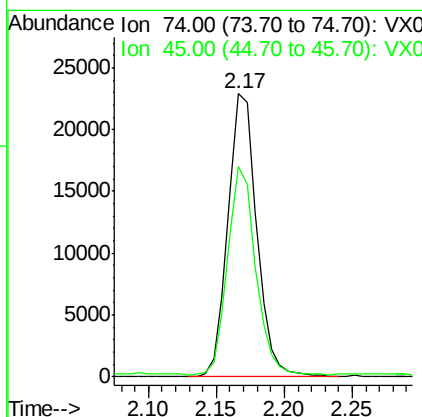
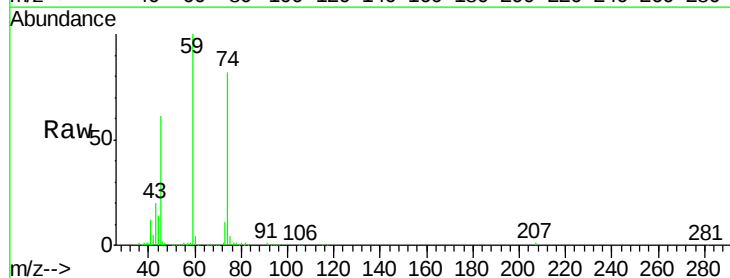
MMDadoda
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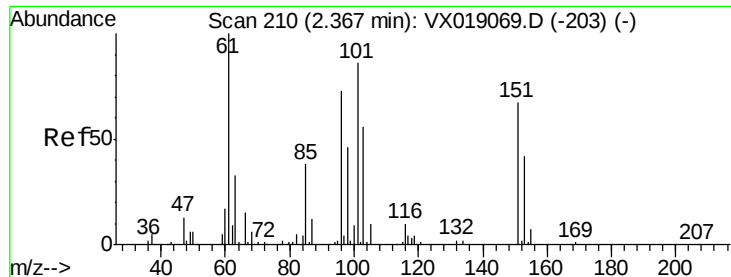


#8

Diethyl Ether
Concen: 20.575 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	71.7	14.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.863 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

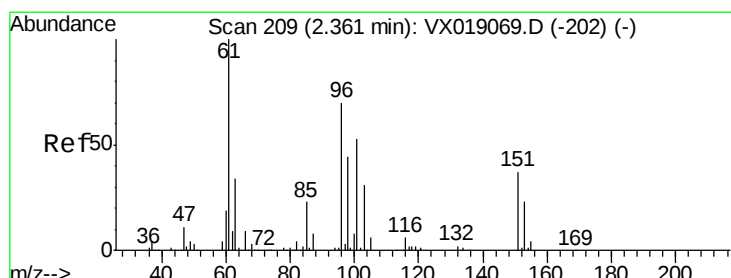
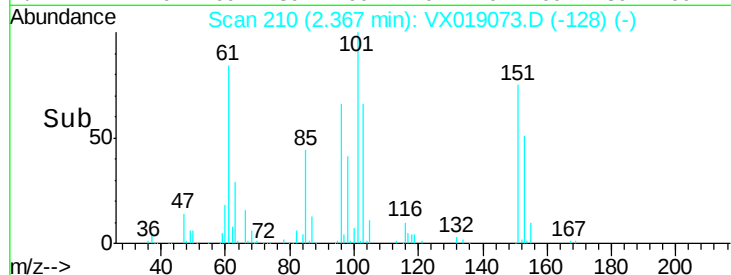
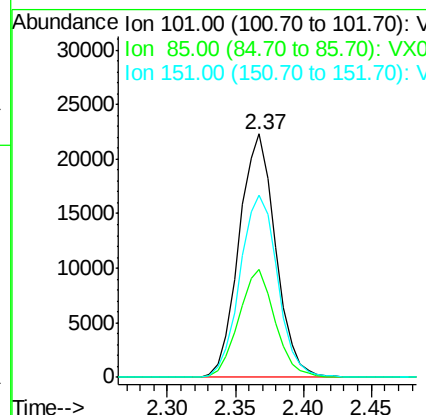
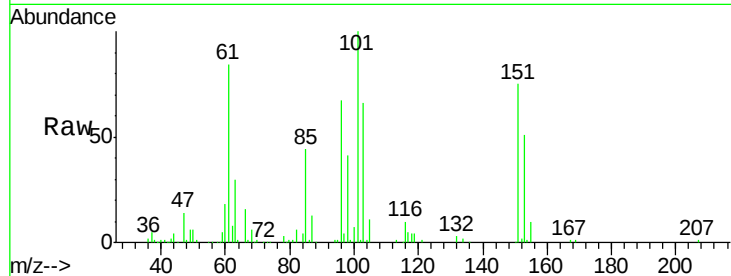
Instrument :
MSVOA_X

ClientSampleId :
ICVVX102320

Tot Ion	Ratio	Resp	Lower	Upper
101	100	41859		
85	44.2	0.0	87.0	
151	77.1	0.0	151.8	

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#10

1,1-Dichloroethene

Concen: 19.855 ug/l

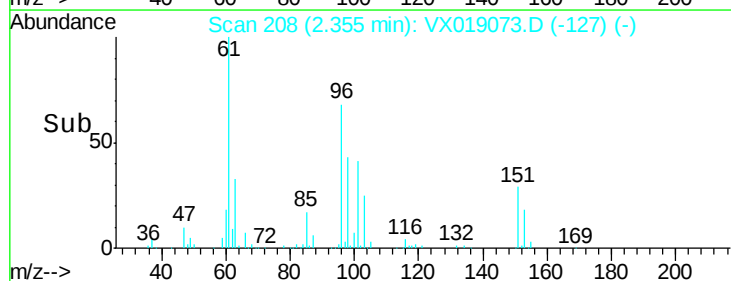
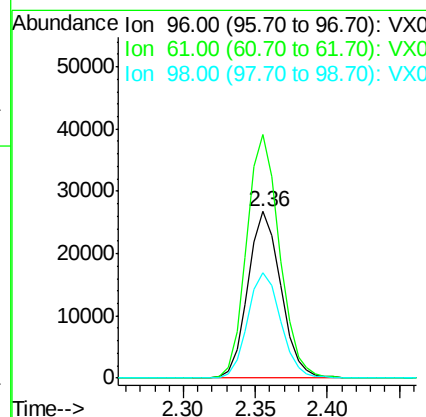
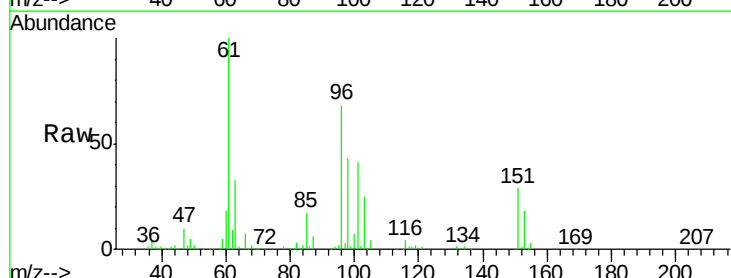
RT: 2.36 min Scan# 208

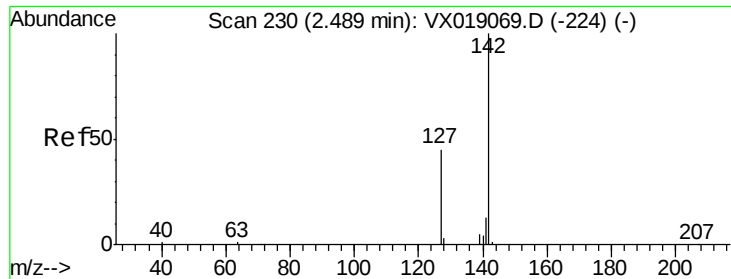
Delta R.T. -0.01 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	42536		
61	146.5	113.8	170.8	
98	63.1	50.4	75.6	





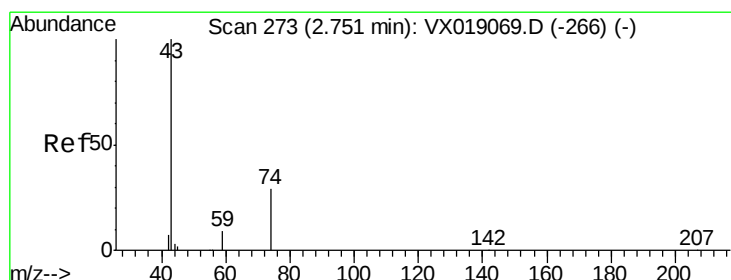
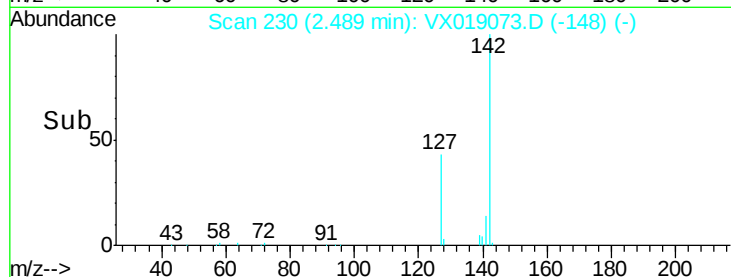
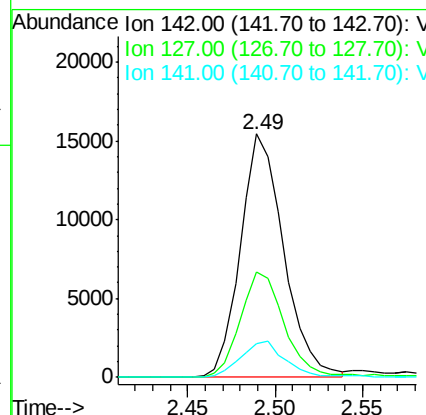
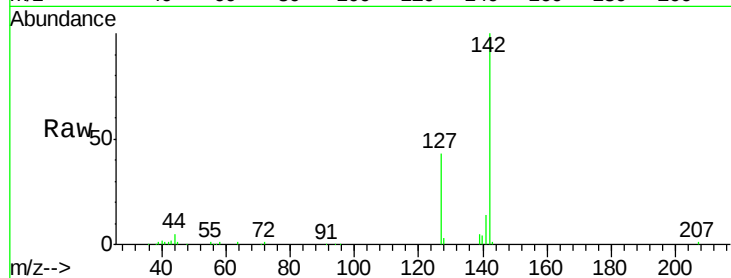
#11
Methyl Iodide
Concen: 16.793 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.1	22.6	67.7
141	13.7	6.3	19.1

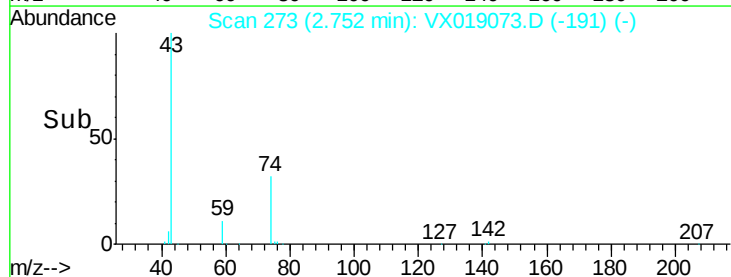
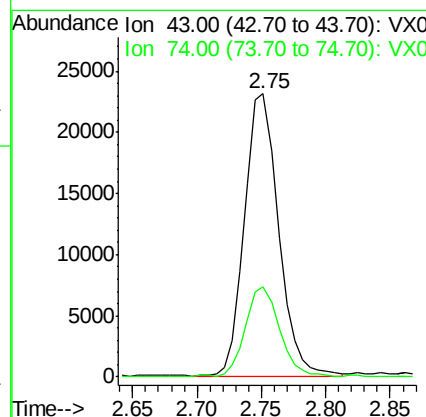
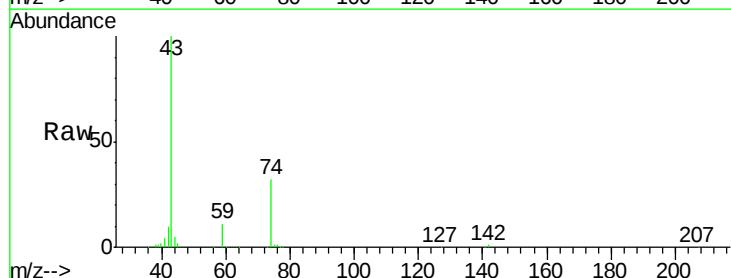
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APPROVED

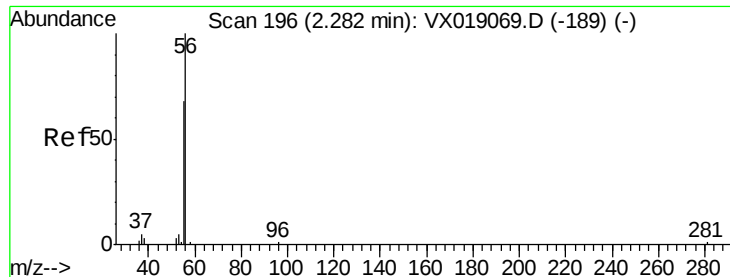
MMDadoda
10/26/2020 11:17:02 AM



#12
Methyl Acetate
Concen: 19.986 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	32.1	23.9	35.9





#13

Acrolein

Concen: 116.862 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.01 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

Tot Ion: 56 Resp: 22821

Ion Ratio Lower Upper

56 100

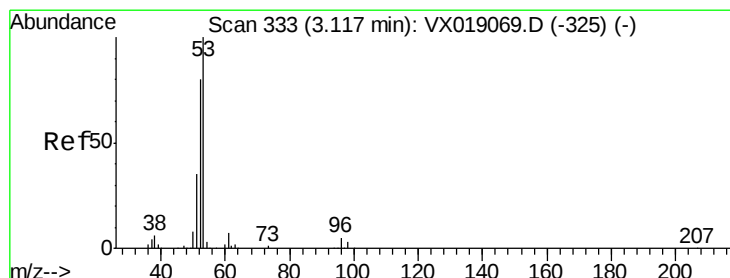
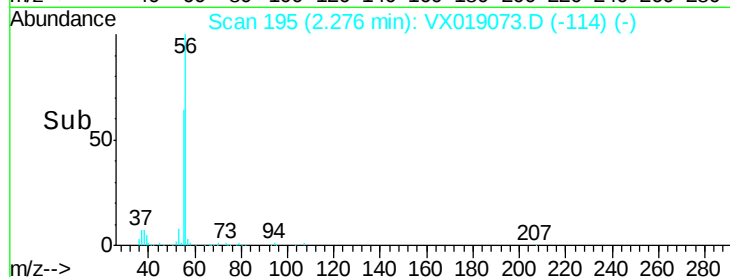
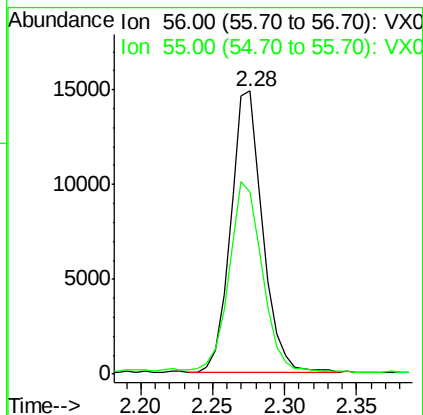
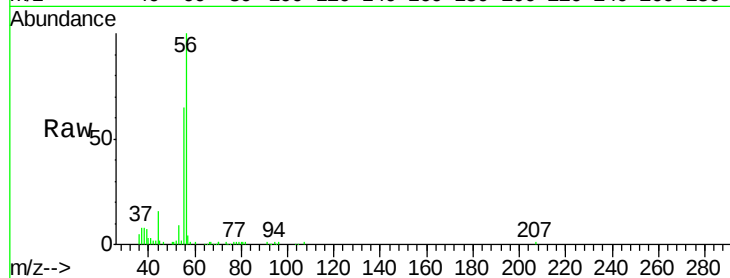
55 72.2 58.2 87.2

Manual Integrations

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#14

Acrylonitrile

Concen: 99.333 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

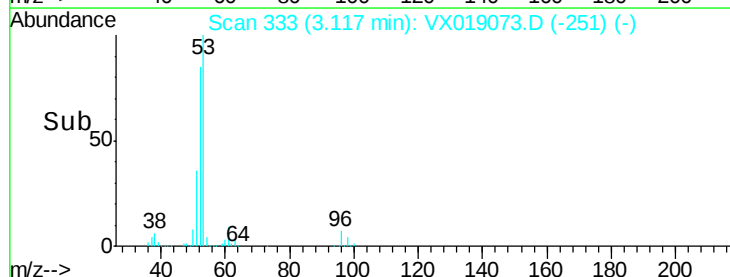
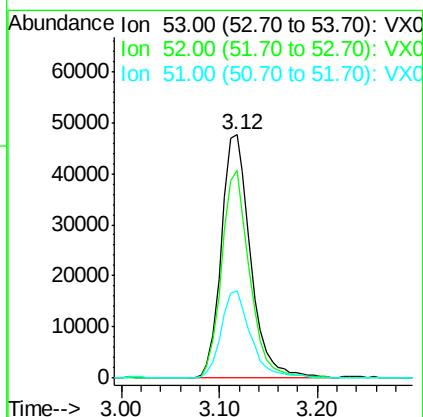
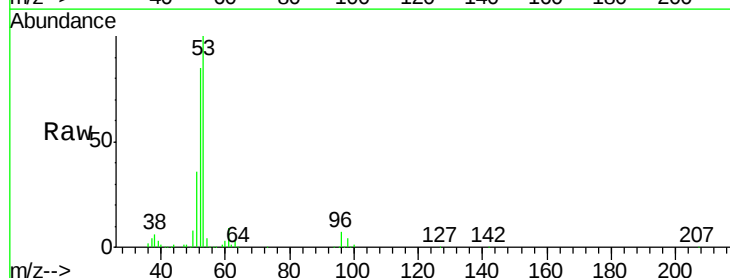
Tgt Ion: 53 Resp: 98973

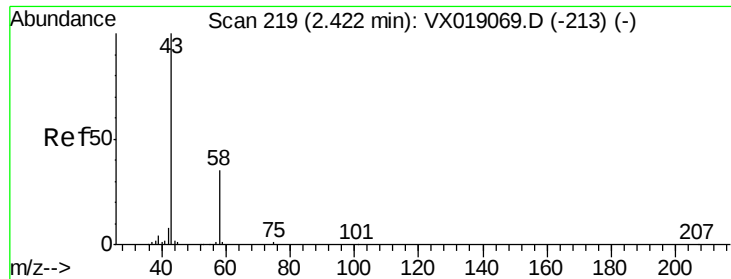
Ion Ratio Lower Upper

53 100

52 81.7 41.0 123.0

51 35.9 18.2 54.6





#15

Acetone

Concen: 103.865 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

Tot Ion: 58 Resp: 29646

Ion Ratio Lower Upper

58 100

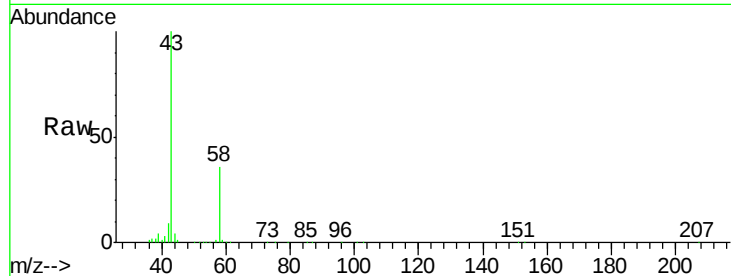
43 279.3 226.7 340.1

Manual Integrations

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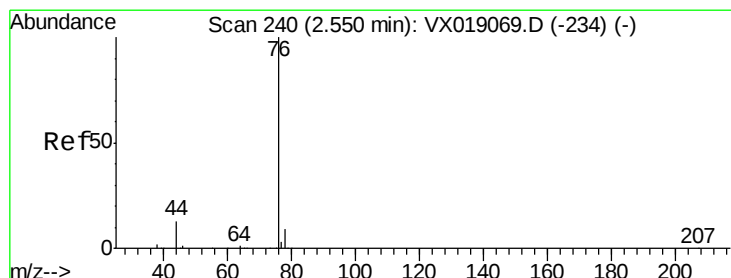
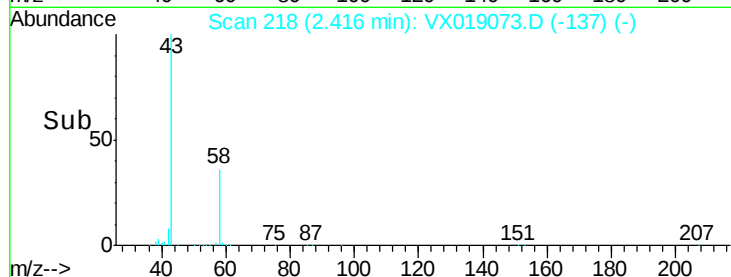
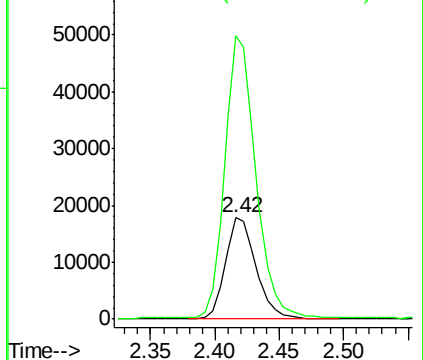
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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.926 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019073.D

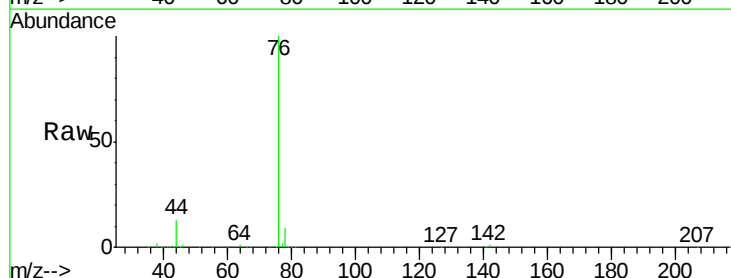
Acq: 23 Oct 2020 12:11

Tgt Ion: 76 Resp: 118657

Ion Ratio Lower Upper

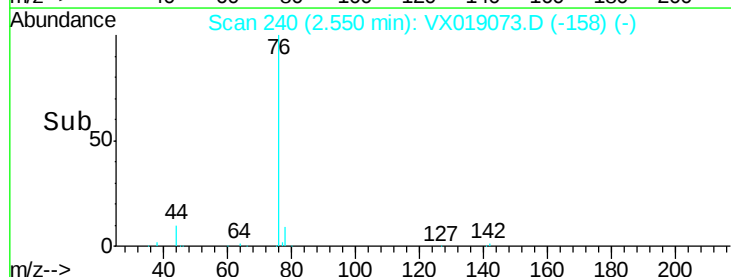
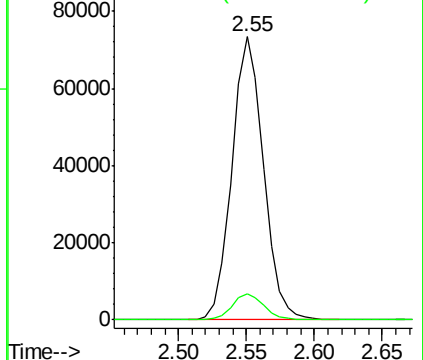
76 100

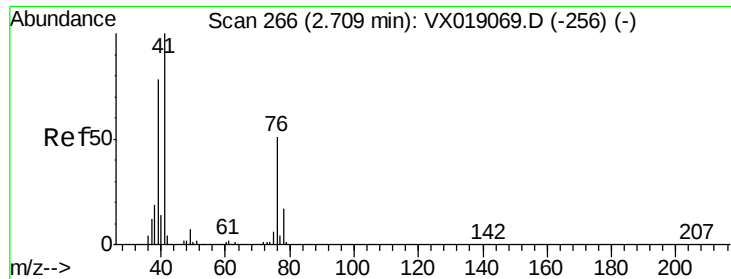
78 9.2 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





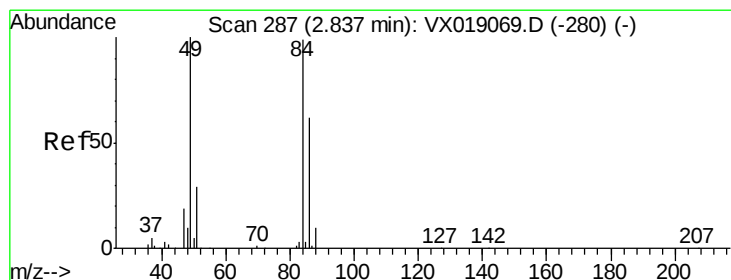
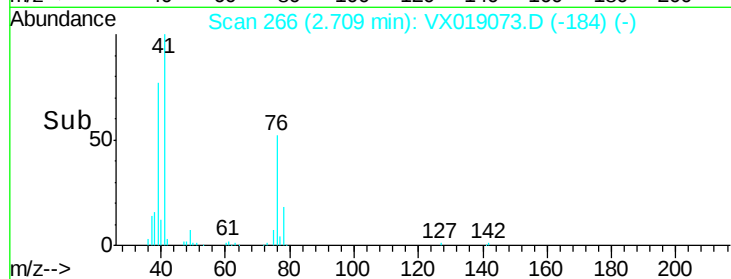
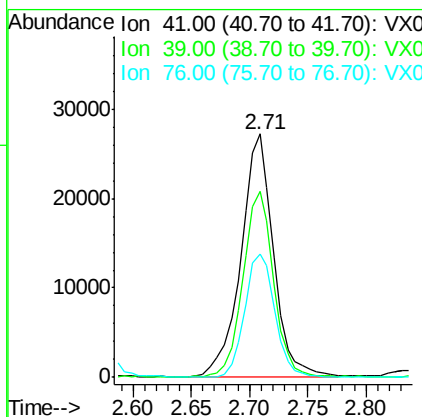
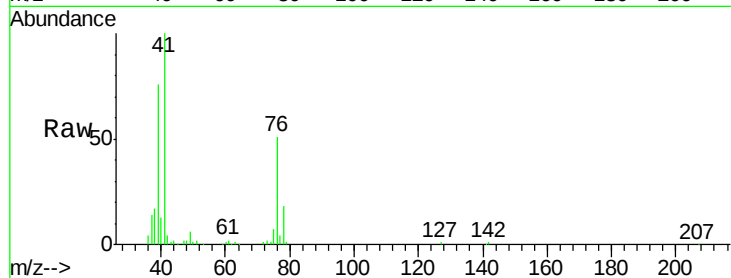
#17
Allvl chloride
Concen: 19.688 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

Tot Ion	Ratio	Lower	Upper
41	100		
39	76.3	38.8	116.3
76	51.0	25.8	77.4

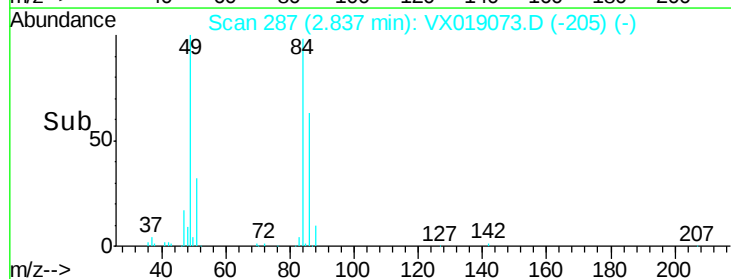
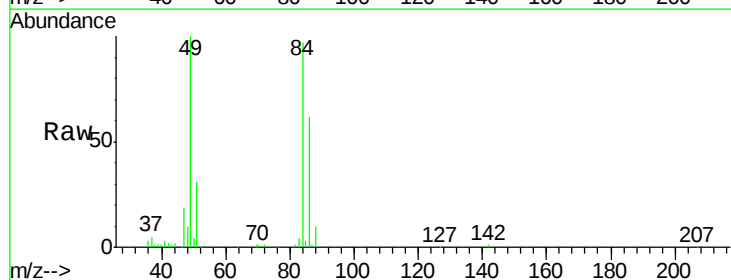
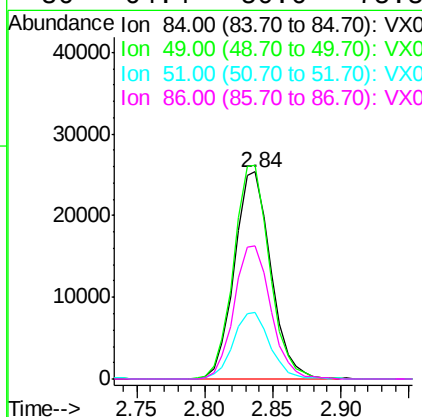
Manual Integrations
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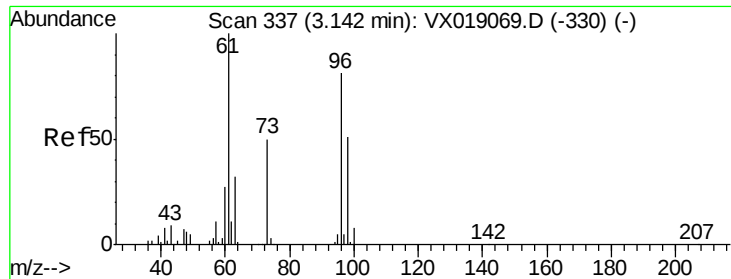
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#18
Methylene Chloride
Concen: 19.448 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	103.3	80.9	121.3
51	32.2	23.8	35.6
86	64.4	50.6	75.8





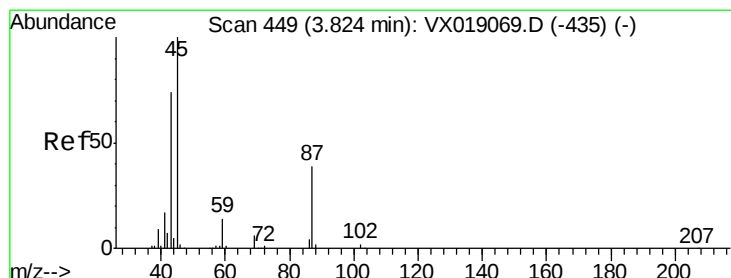
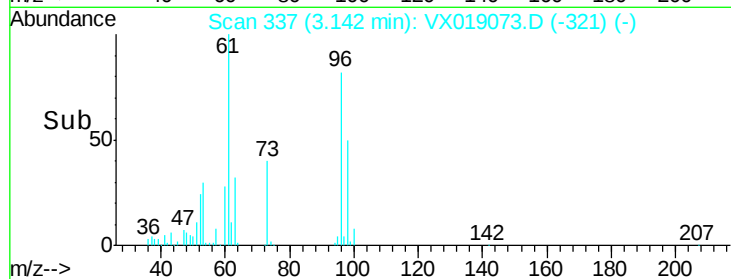
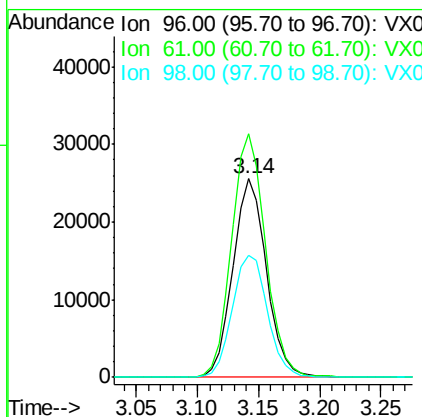
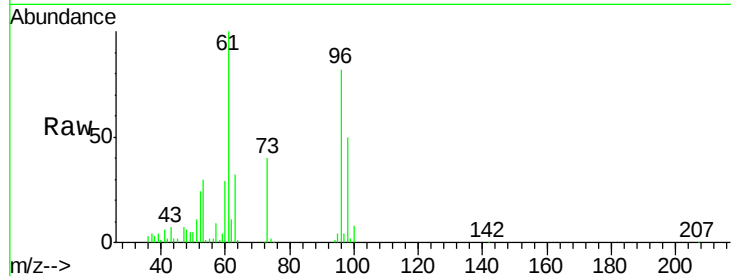
#19
trans-1,2-Dichloroethene
Concen: 19.460 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.6	98.4	147.6
98	61.2	49.9	74.9

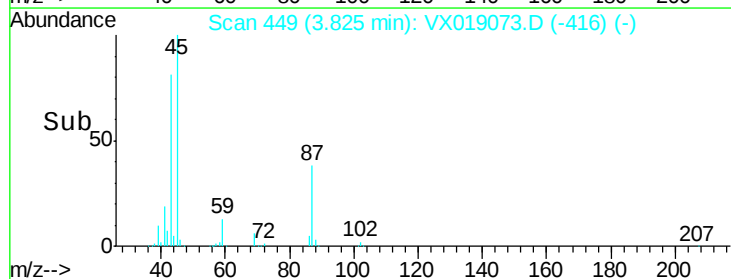
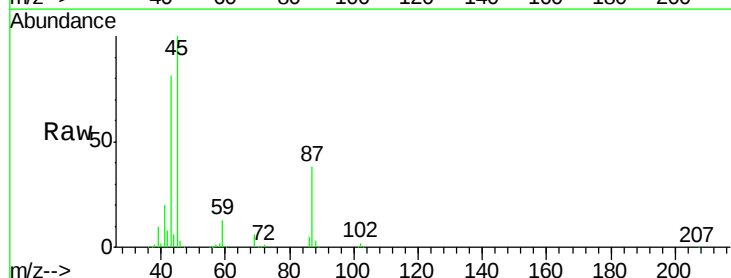
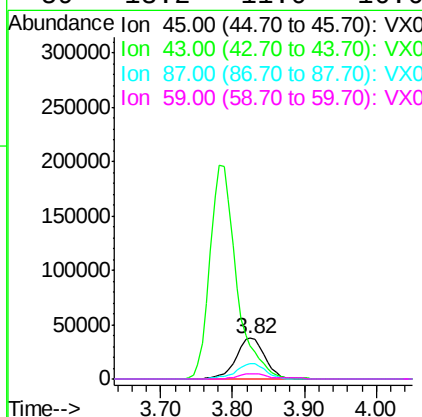
Manual Integrations
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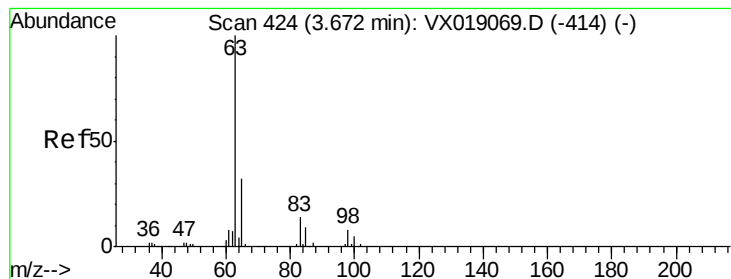
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#20
Diisopropyl ether
Concen: 19.613 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
45	100		
43	80.3	60.6	91.0
87	37.7	30.9	46.3
59	13.2	11.0	16.6





#21

1,1-Dichloroethane

Concen: 19.547 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

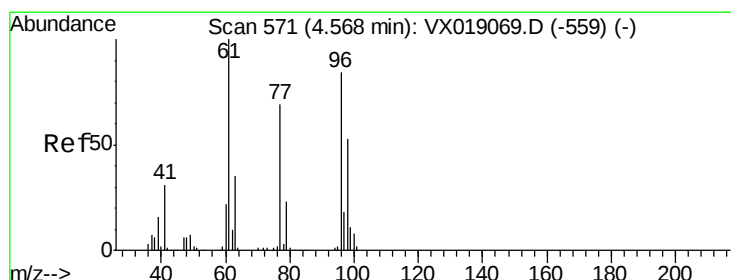
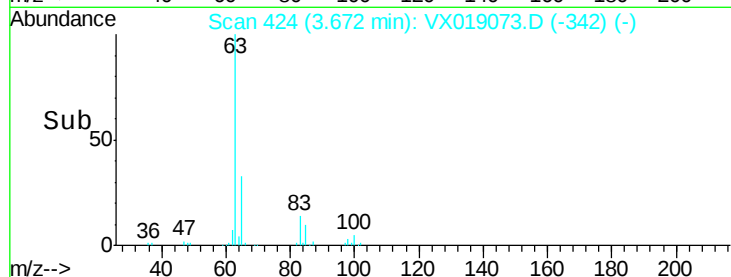
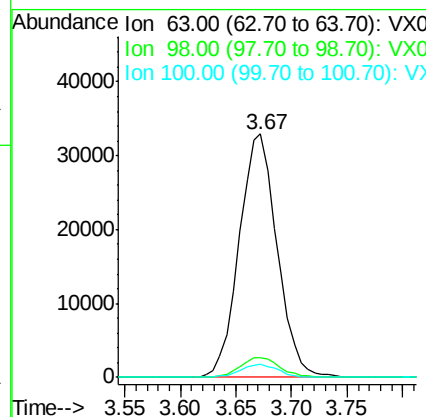
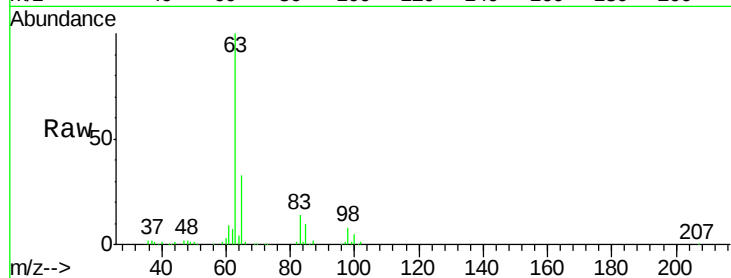
ClientSampleId :

ICVVX102320

Tot Ion:	63	Resp:	77801
Ion Ratio	Lower	Upper	
63	100		
98	8.0	3.9	11.7
100	5.3	2.4	7.2

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 19.272 ug/l

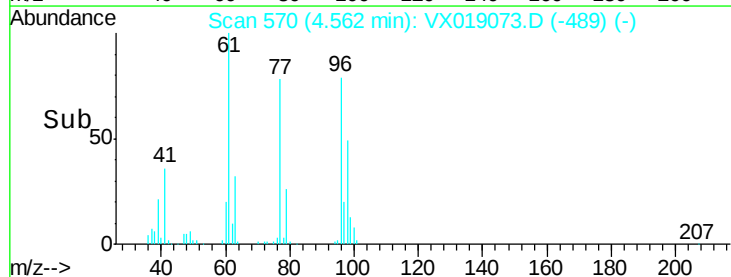
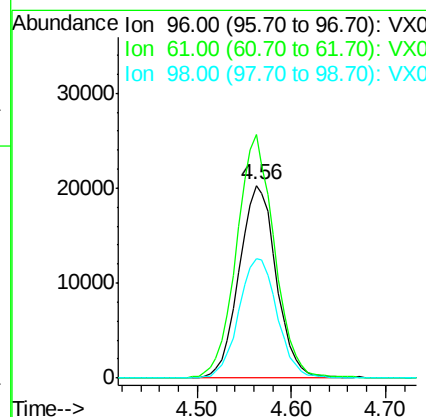
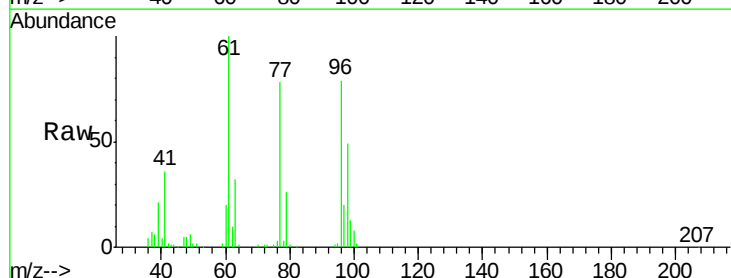
RT: 4.56 min Scan# 570

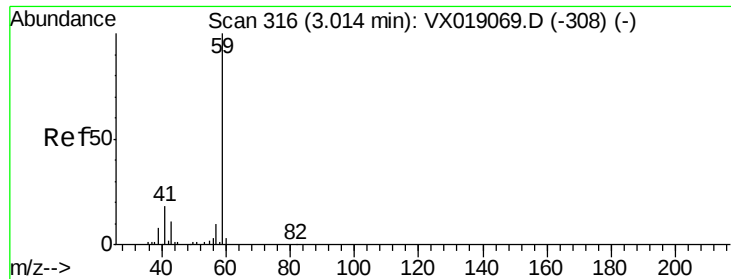
Delta R.T. -0.01 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Tgt Ion:	96	Resp:	55858
Ion Ratio	Lower	Upper	
96	100		
61	128.4	101.9	152.9
98	64.4	51.3	76.9





#23

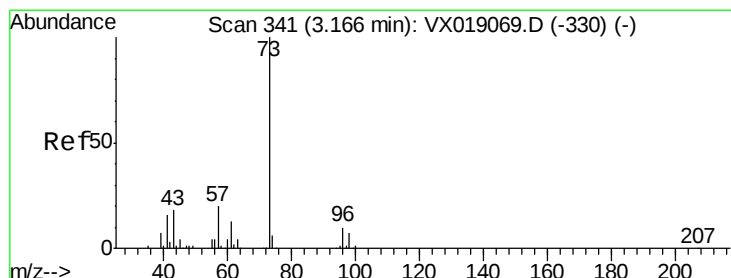
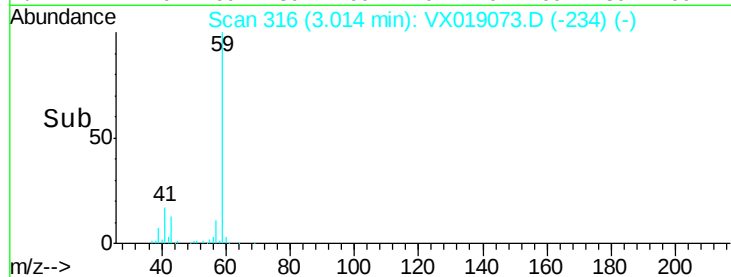
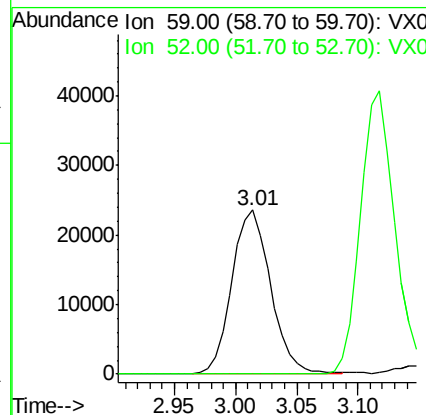
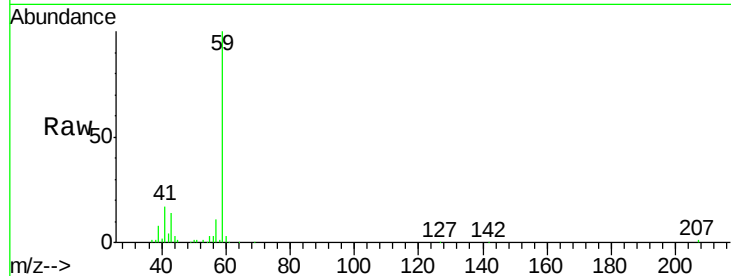
tert-Butyl Alcohol
Concen: 108.071 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.2	0.4#

Manual Integrations
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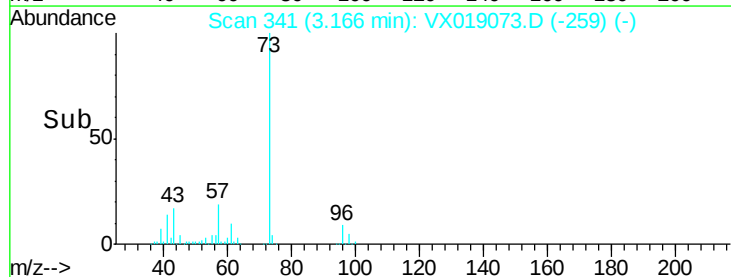
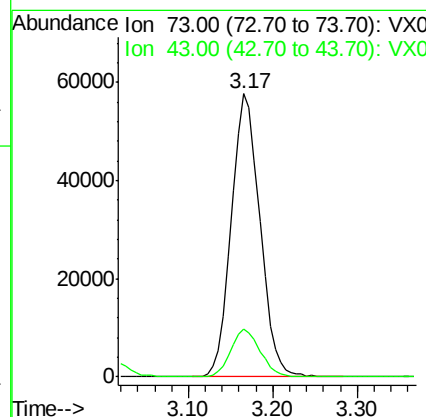
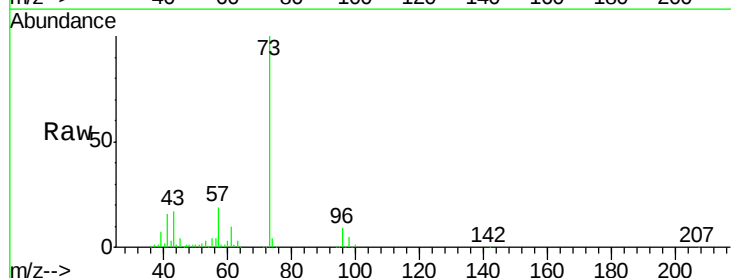
MMDadoda
10/26/2020 11:17:02 AM

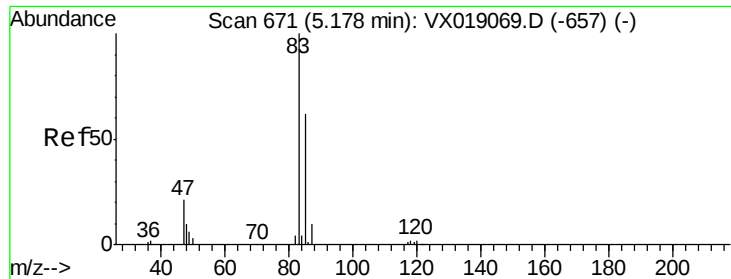


#24

Methyl tert-Butyl Ether
Concen: 19.731 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
73	100		
43	17.3	13.9	20.9





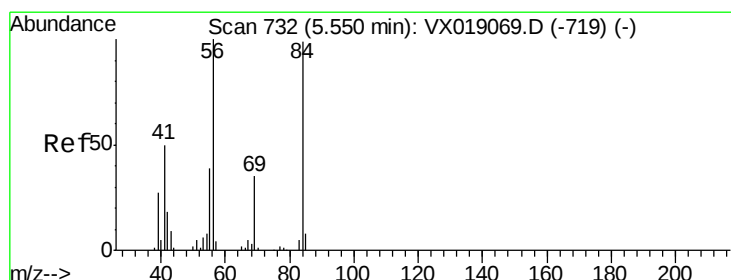
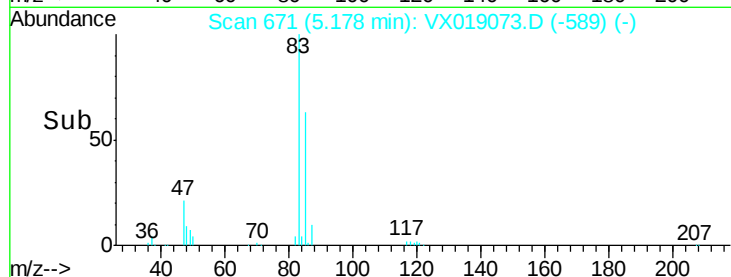
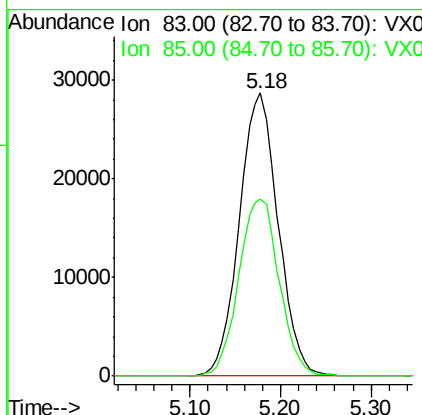
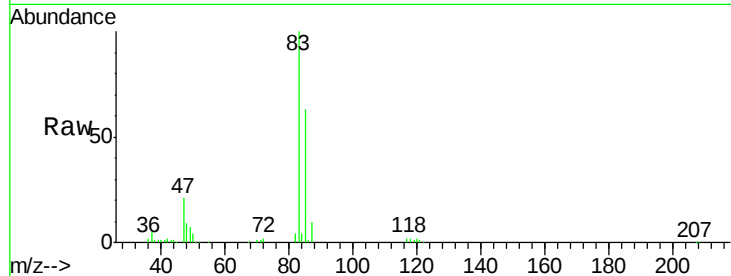
#25
Chloroform
Concen: 19.331 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

Tot Ion	83	Resp	85255
Ion Ratio	100	Lower	Upper
83	100		
85	62.7	49.8	74.8

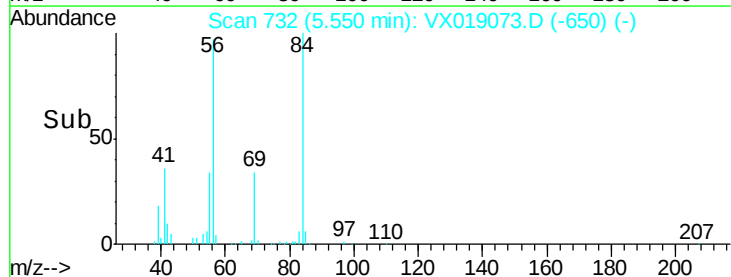
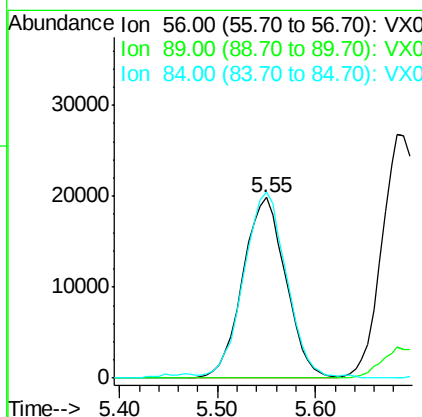
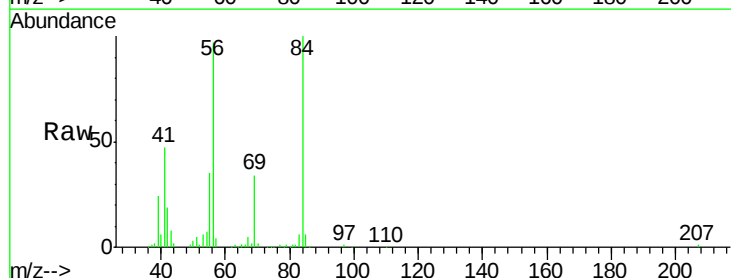
Manual Integrations
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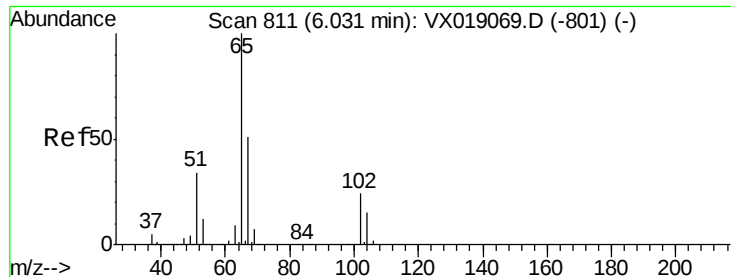
MMDadoda
10/26/2020 11:17:02 AM



#26
Cyclohexane
Concen: 19.630 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion	56	Resp	60715
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	102.3	83.7	125.5





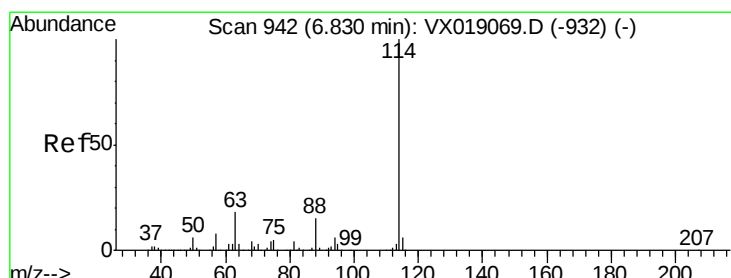
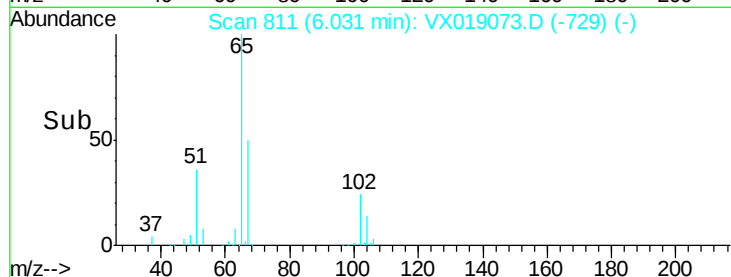
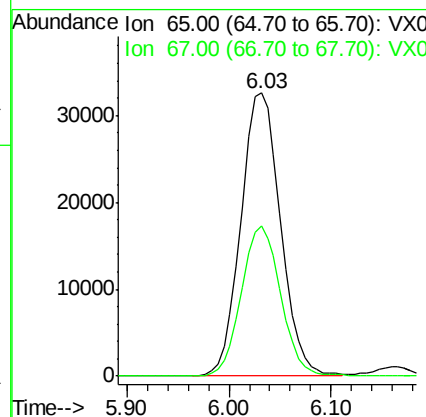
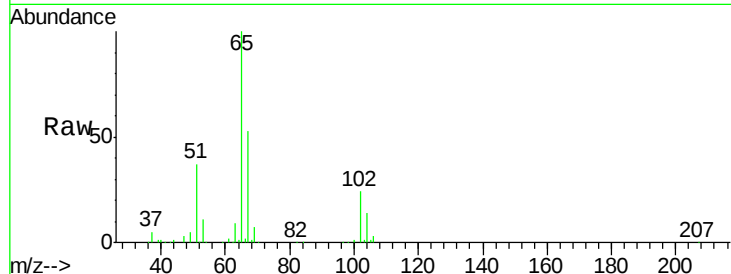
#27
 1,2-Dichloroethane-d4
 Concen: 31.106 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102320

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	42.0	63.0

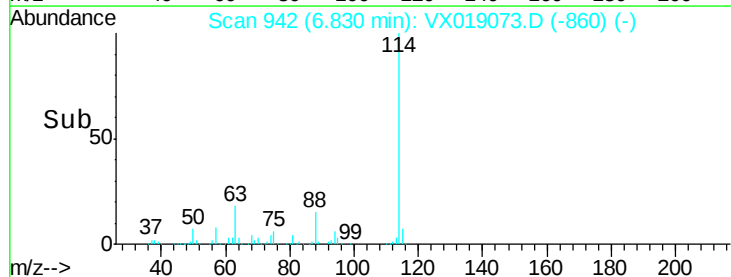
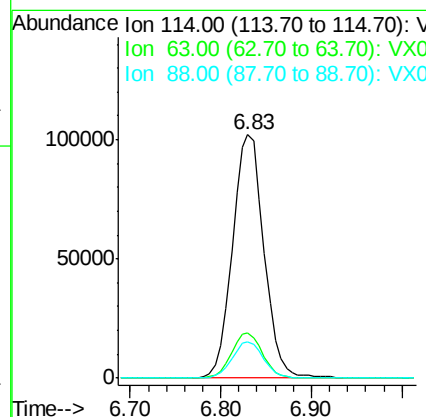
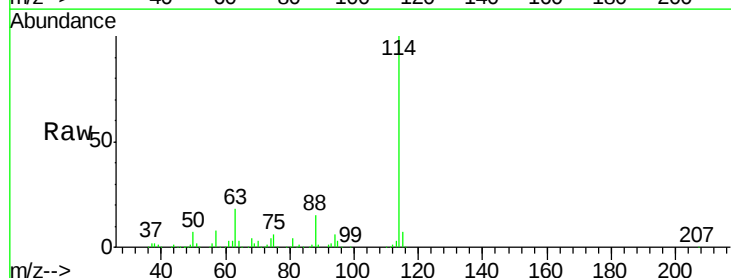
Manual Integrations
 APPROVED

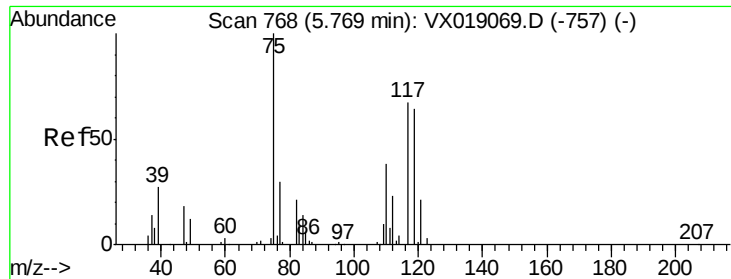
MMDadoda
 10/26/2020 11:17:02 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.3	14.6	21.8
88	15.0	12.2	18.2





#29

1,1-Dichloropropene

Concen: 18.554 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

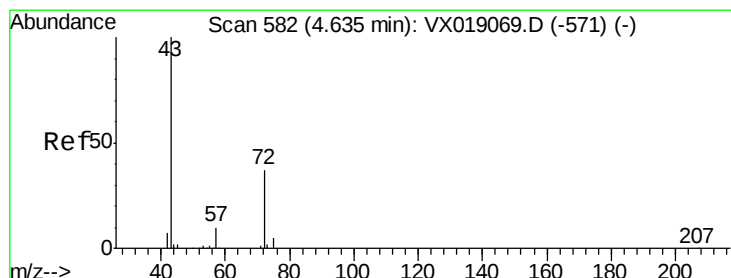
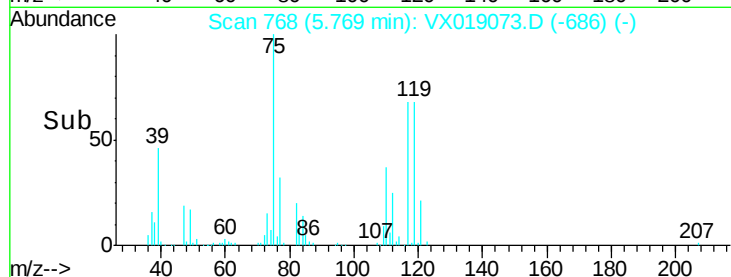
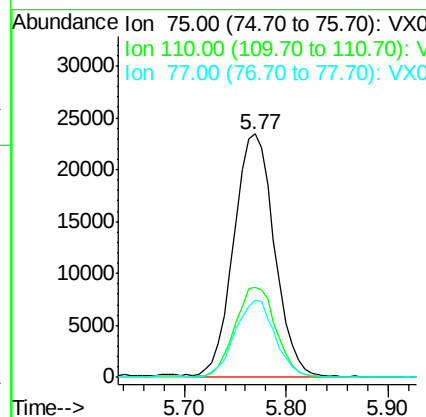
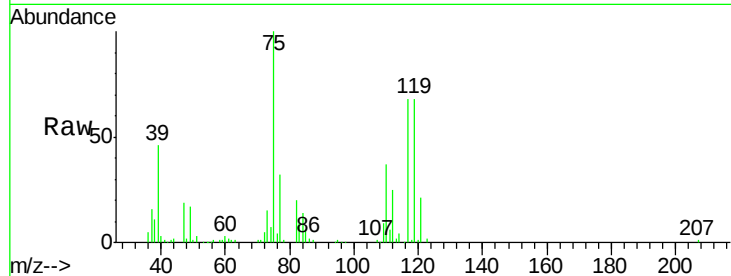
ClientSampleId :

ICVVX102320

Tot Ion:	75	Resp:	64781
Ion	Ratio	Lower	Upper
75	100		
110	37.5	0.0	77.4
77	31.4	0.0	62.8

Manual Integrations
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#30

2-Butanone

Concen: 97.365 ug/l

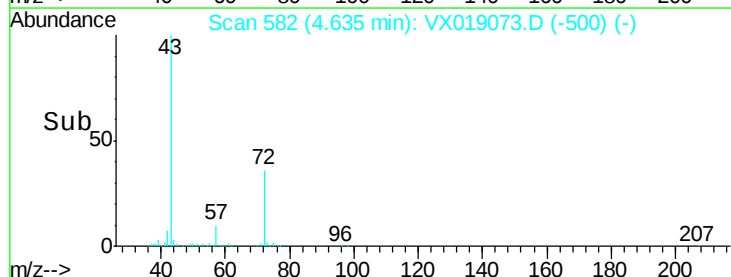
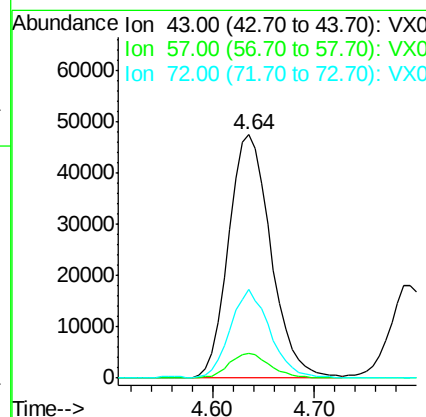
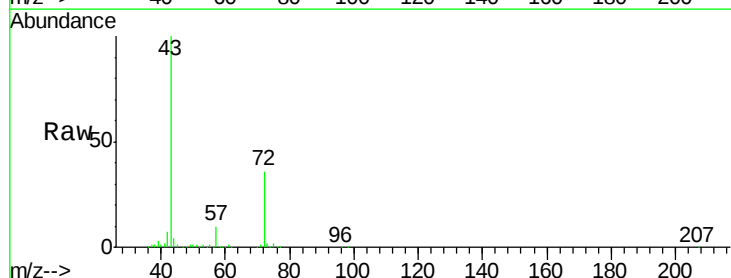
RT: 4.64 min Scan# 582

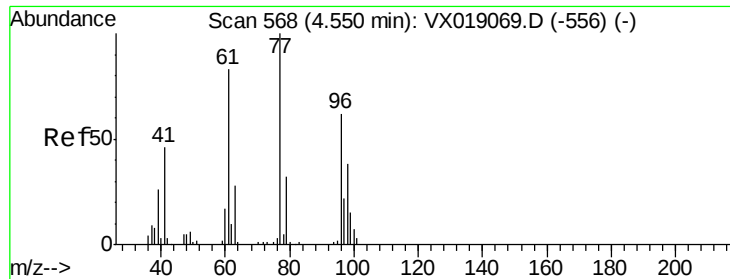
Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Tgt Ion:	43	Resp:	135434
Ion	Ratio	Lower	Upper
43	100		
57	10.0	7.8	11.6
72	34.5	28.1	42.1





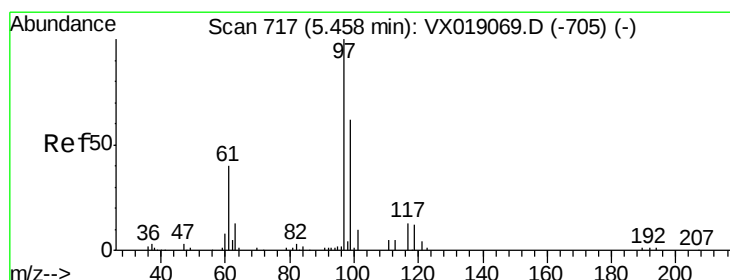
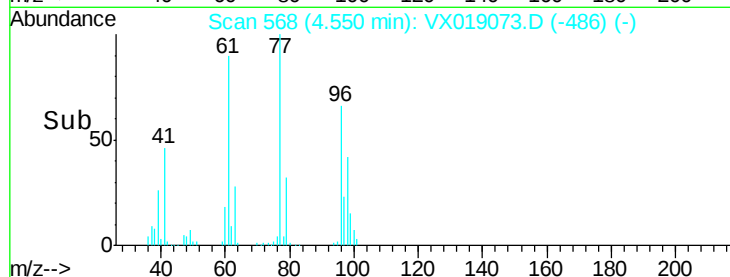
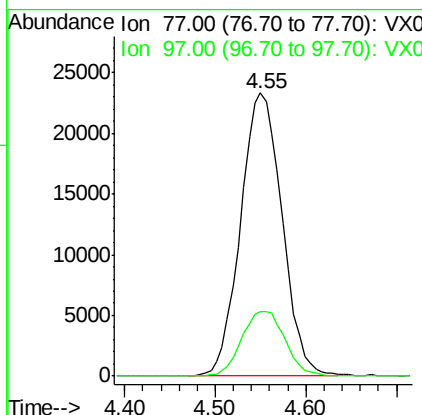
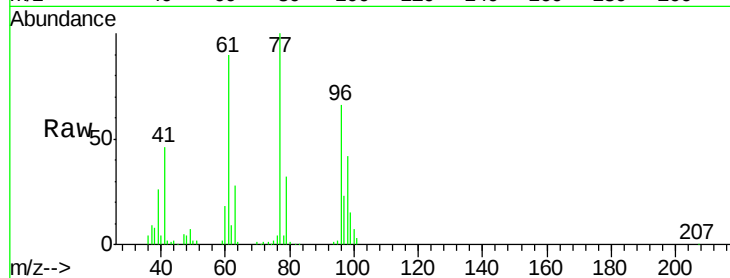
#31
 2,2-Dichloropropane
 Concen: 18.488 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102320

Tot Ion	Ratio	Lower	Upper
77	100		
97	23.8	19.2	28.8

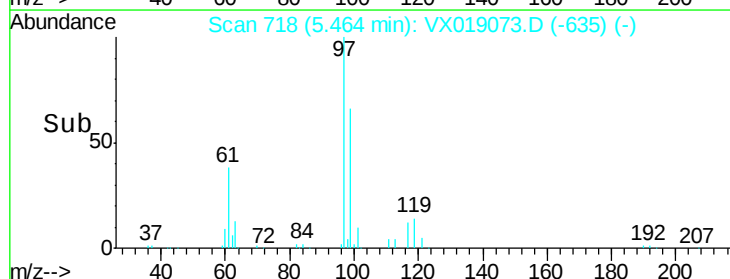
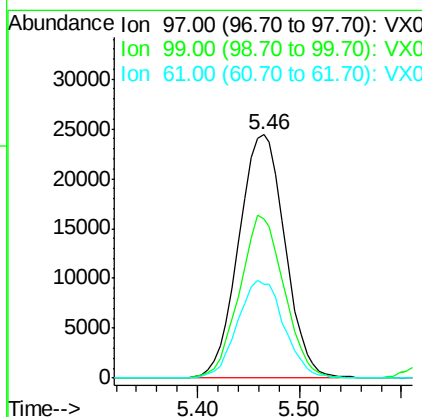
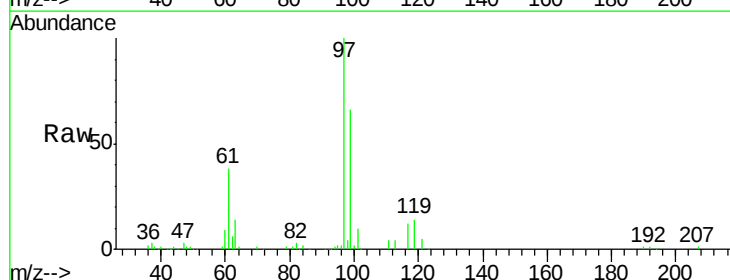
Manual Integrations
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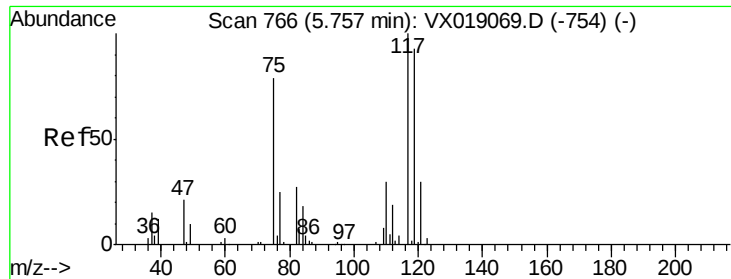
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#32
 1,1,1-Trichloroethane
 Concen: 18.390 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.6
61	40.2	32.0	48.0





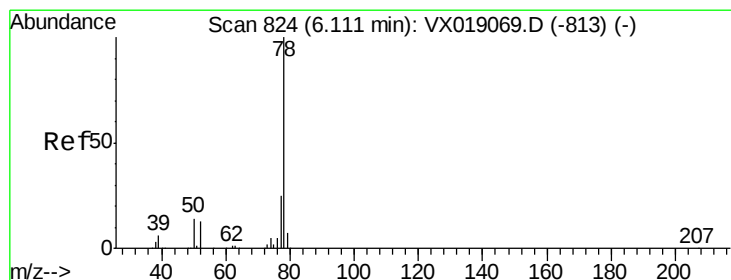
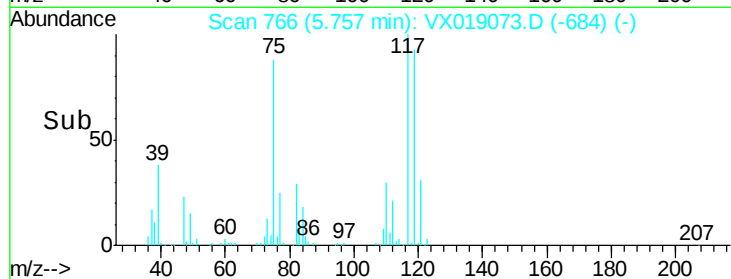
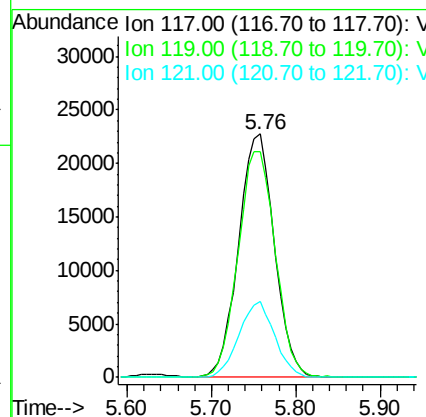
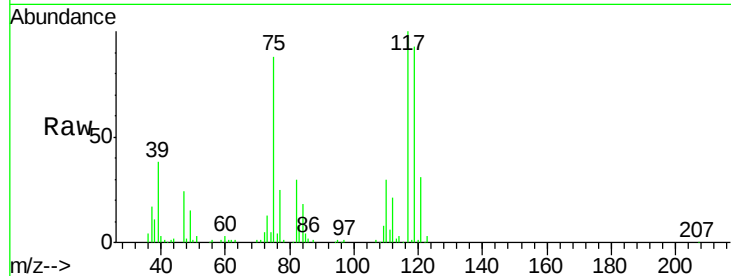
#33
Carbon Tetrachloride
Concen: 17.971 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.7	74.5	111.7
121	31.1	24.1	36.1

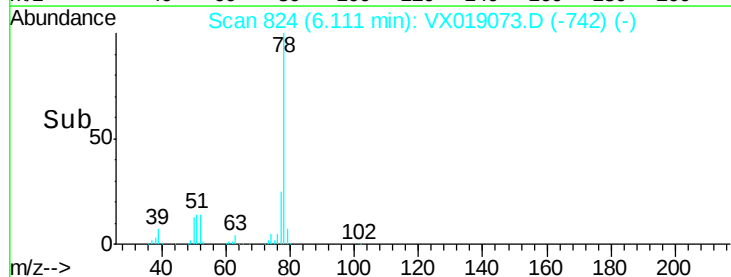
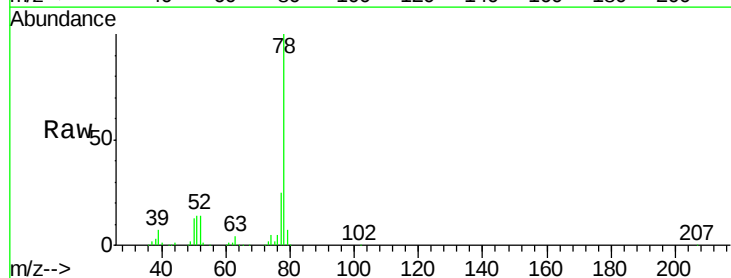
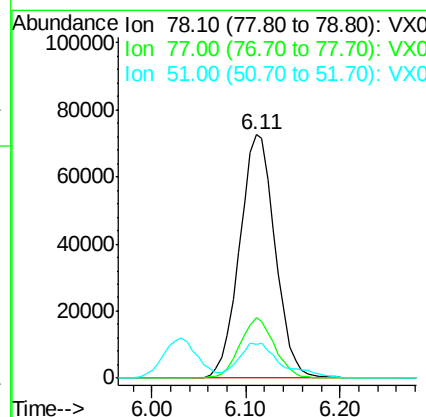
Manual Integrations
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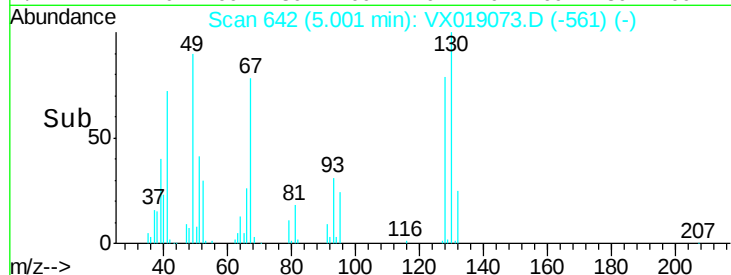
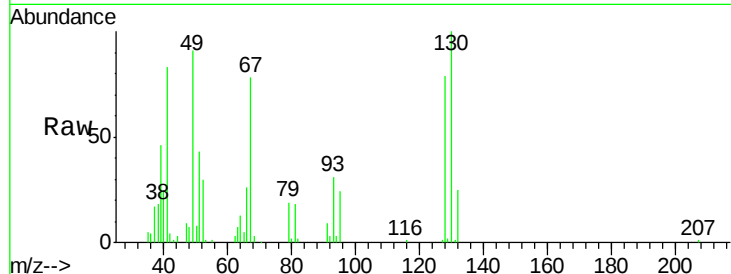
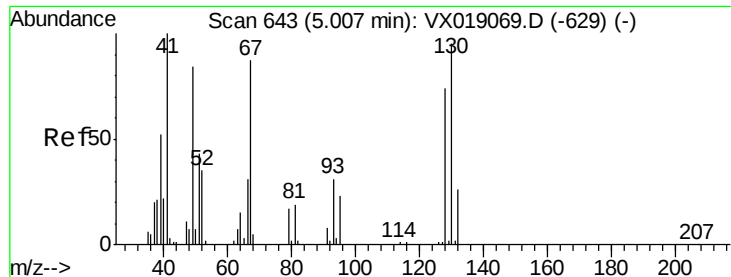
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#34
Benzene
Concen: 18.635 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	20.1	30.1
51	13.6	11.0	16.4





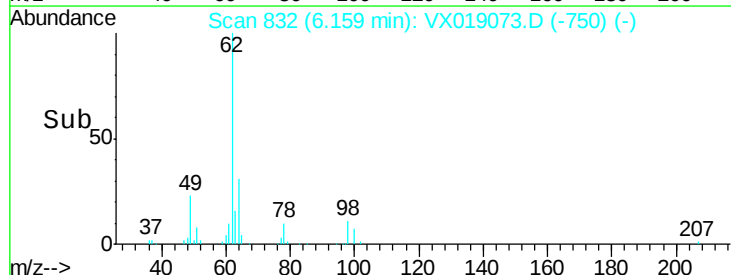
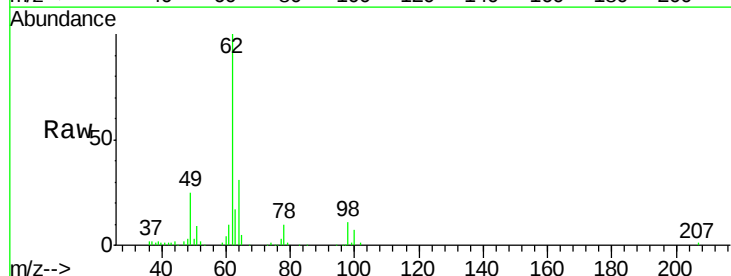
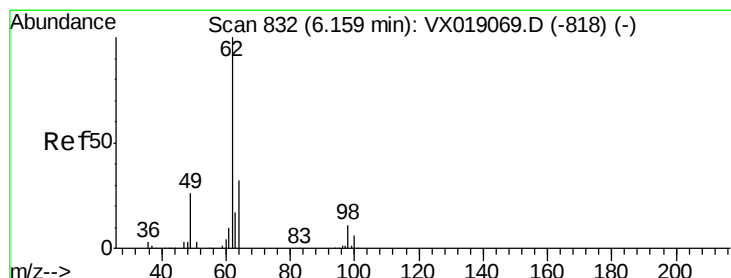
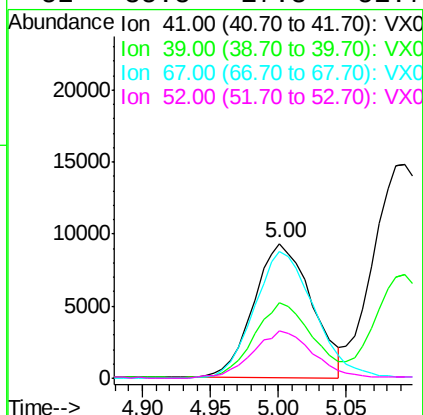
#35
Methacrylonitrile
Concen: 18.382 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.4	25.8	77.4	
67	94.8	43.6	130.8	
52	35.8	17.3	51.7	

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

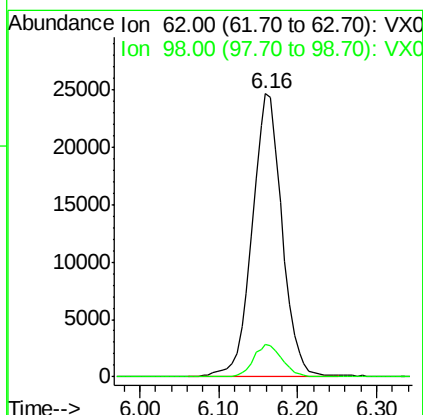
Manual Integrations
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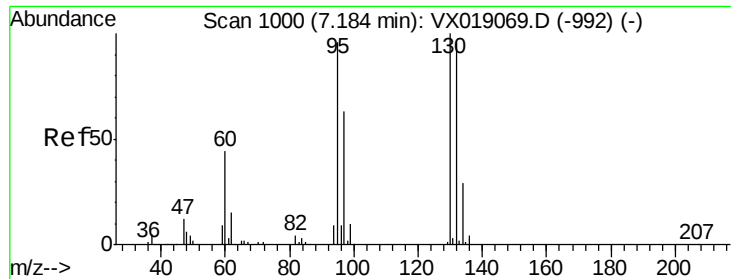
MMDadoda
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#36
1,2-Dichloroethane
Concen: 18.429 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.9	8.4	12.6	





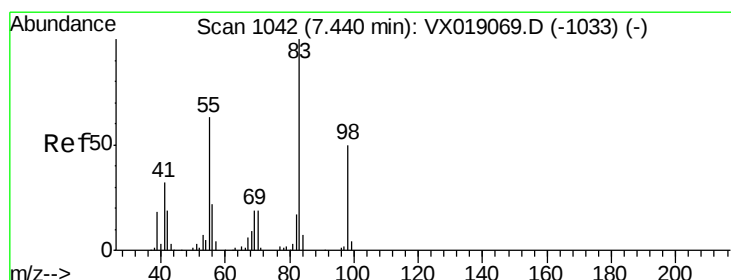
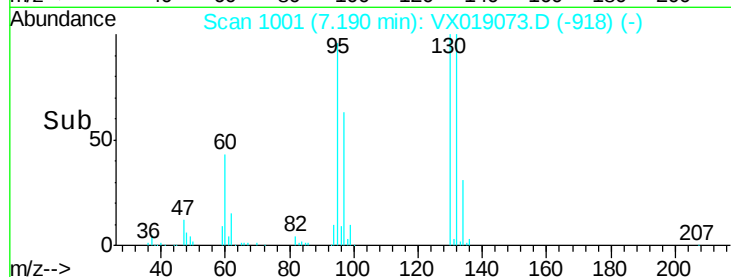
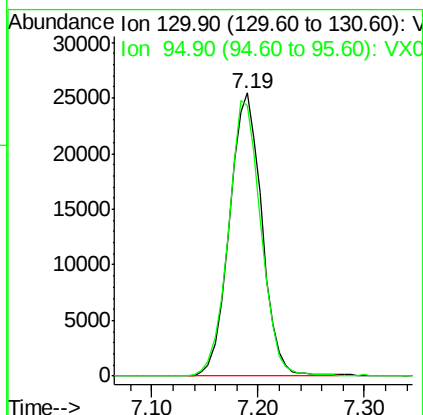
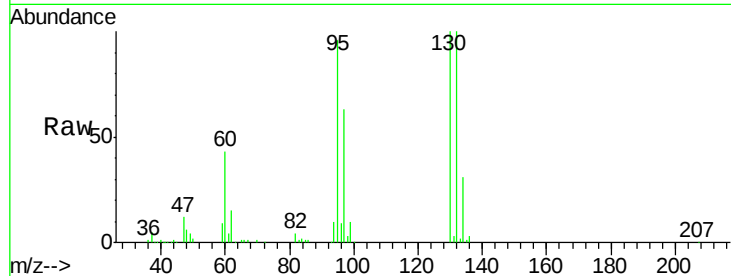
#37
 Trichloroethene
 Concen: 18.372 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102320

Tot Ion:130 Resp: 54251
 Ion Ratio Lower Upper
 130 100
 95 95.6 76.8 115.2

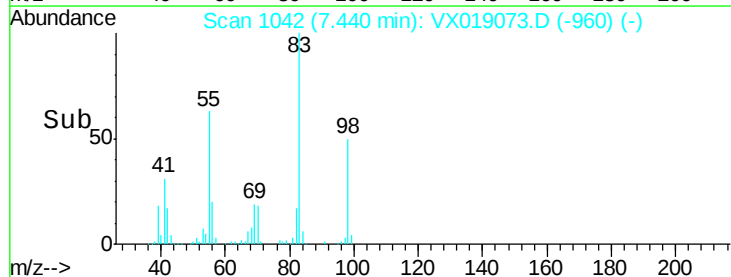
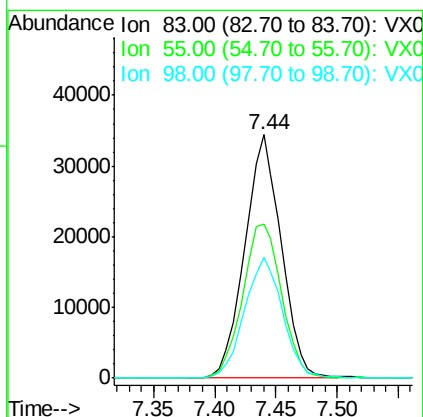
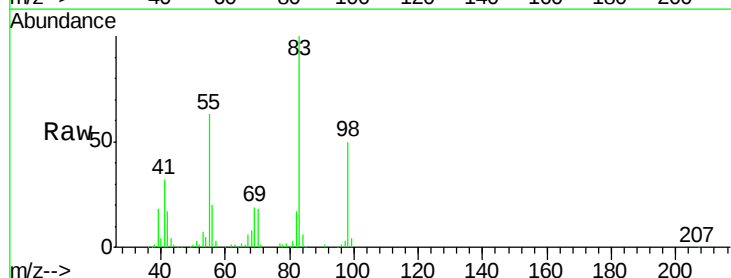
Manual Integrations
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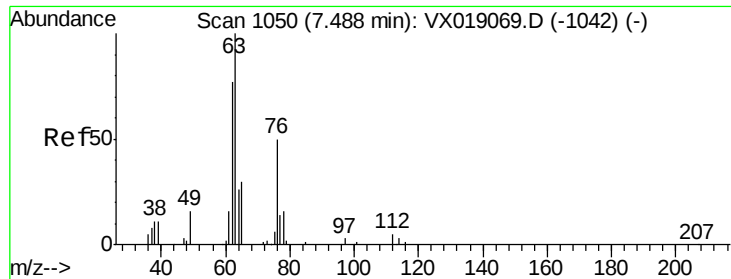
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#38
 Methylcyclohexane
 Concen: 18.269 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Tgt Ion: 83 Resp: 71500
 Ion Ratio Lower Upper
 83 100
 55 67.7 32.3 96.8
 98 51.6 25.7 77.1





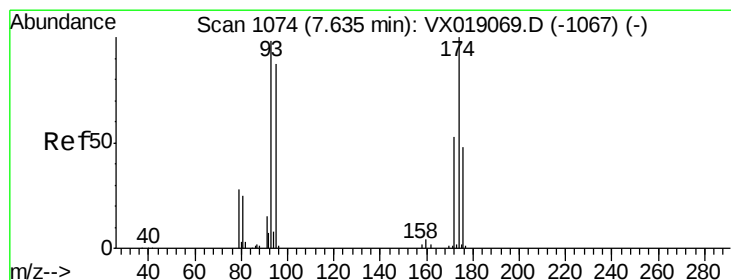
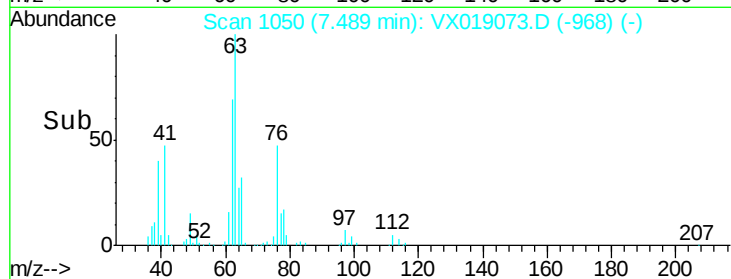
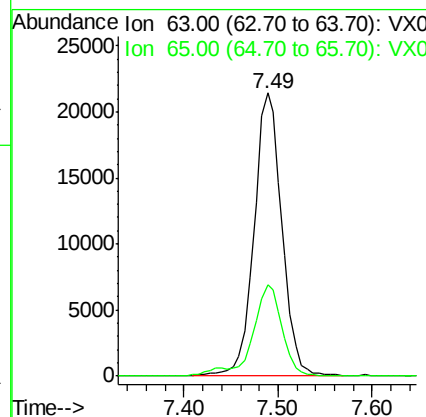
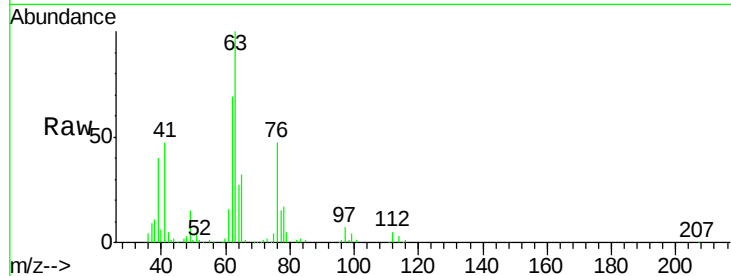
#39
 1,2-Dichloropropane
 Concen: 18.674 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102320

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.8	38.8

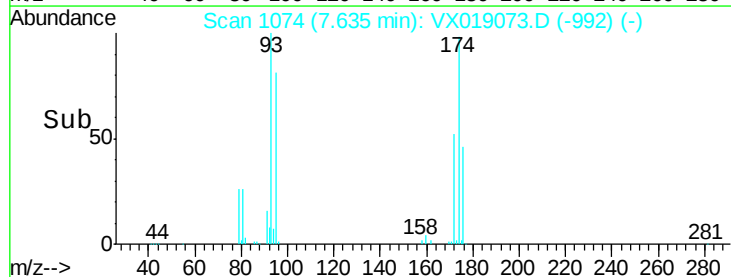
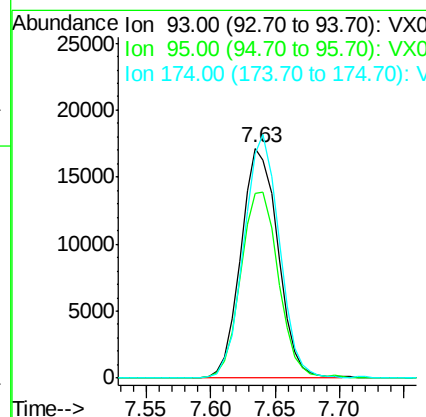
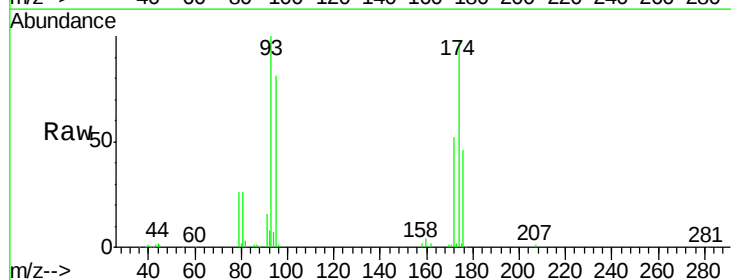
Manual Integrations
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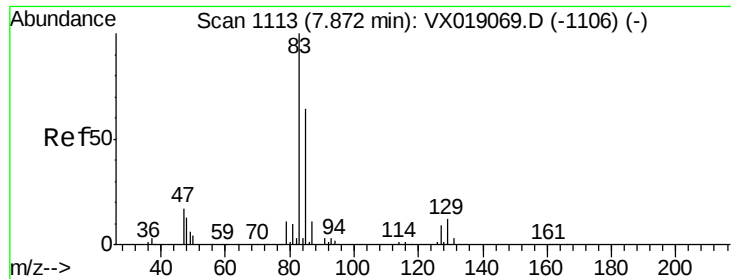
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#40
 Dibromomethane
 Concen: 18.480 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	0.0	169.0
174	101.4	0.0	205.4





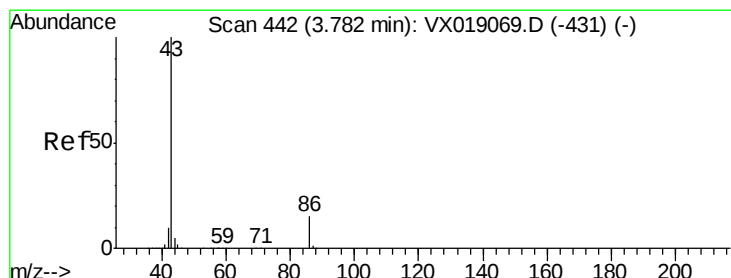
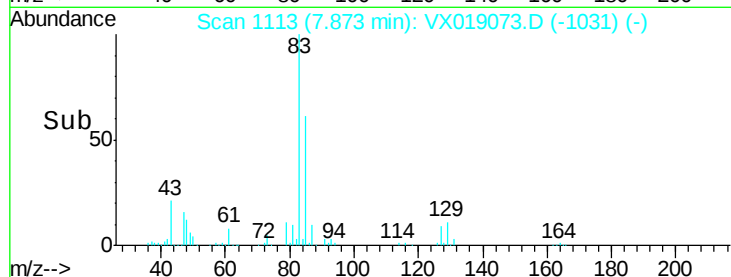
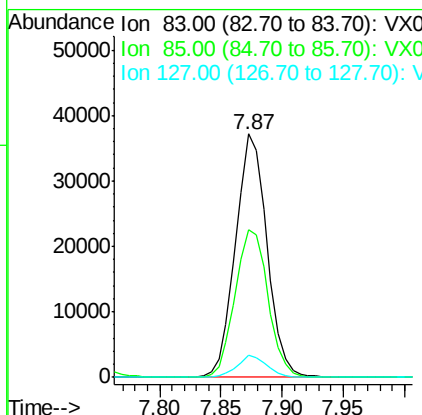
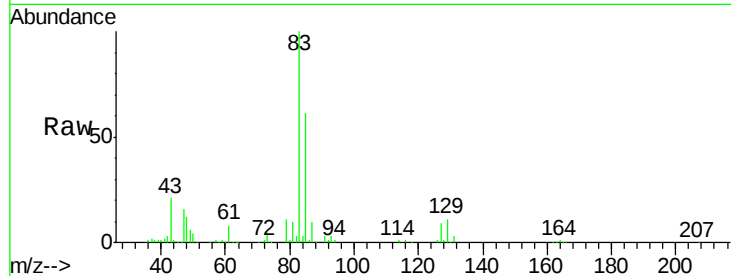
#41
Bromodichloromethane
Concen: 18.170 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

Tot Ion	83	Resp	66485
Ion Ratio	100	Lower	Upper
83	100		
85	60.8	51.2	76.8
127	8.9	7.1	10.7

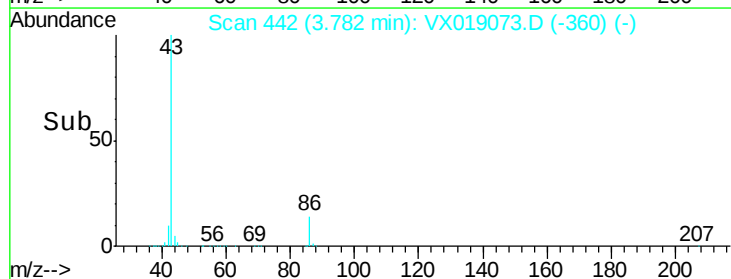
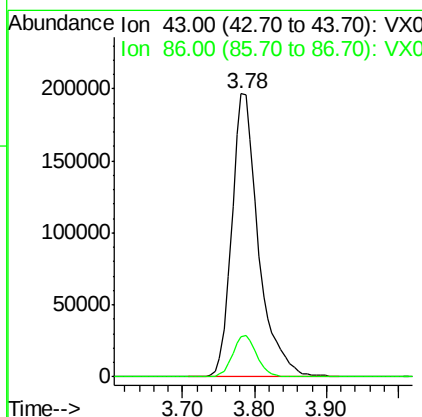
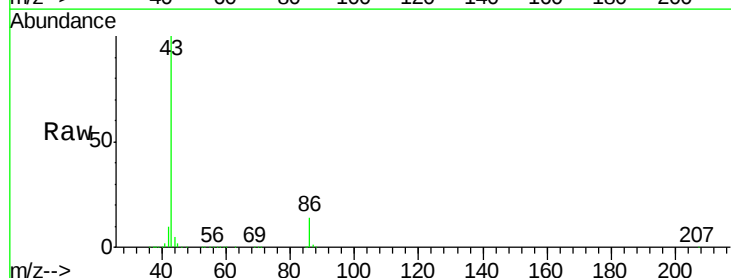
Manual Integrations
APPROVED

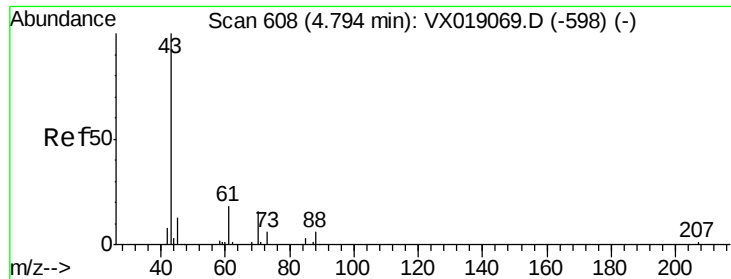
MMDadoda
10/26/2020 11:17:02 AM



#42
Vinyl Acetate
Concen: 93.446 ug/l
RT: 3.78 min Scan# 442
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion	43	Resp	505757
Ion Ratio	100	Lower	Upper
43	100		
86	13.3	10.6	15.8





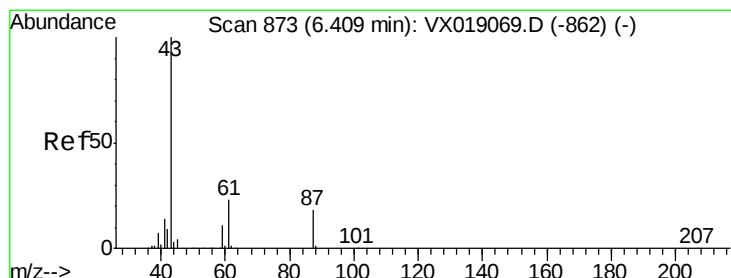
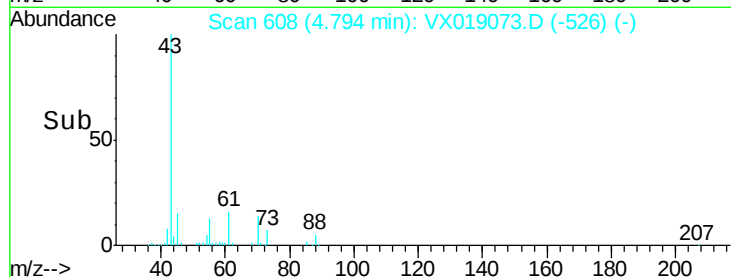
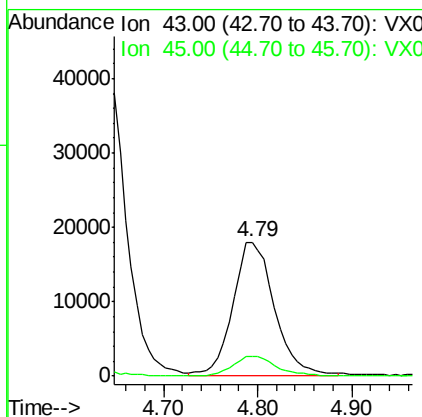
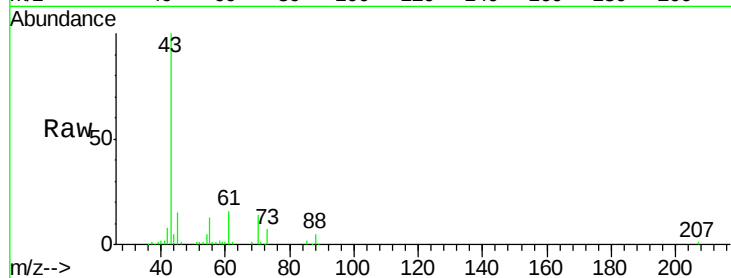
#43
Ethyl Acetate
Concen: 18.754 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

Tot Ion: 43 Resp: 54724
Ion Ratio Lower Upper
43 100
45 15.9 12.7 19.1

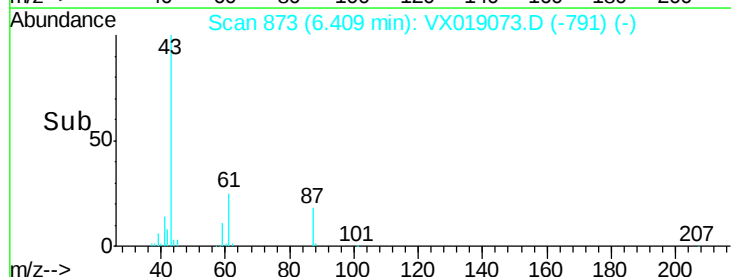
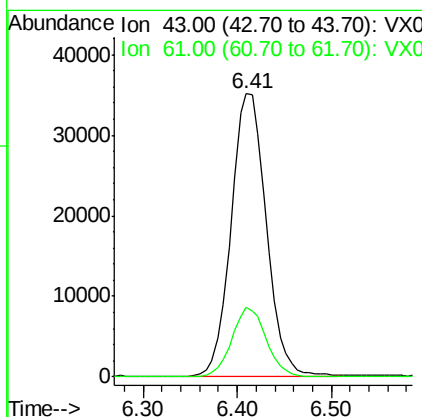
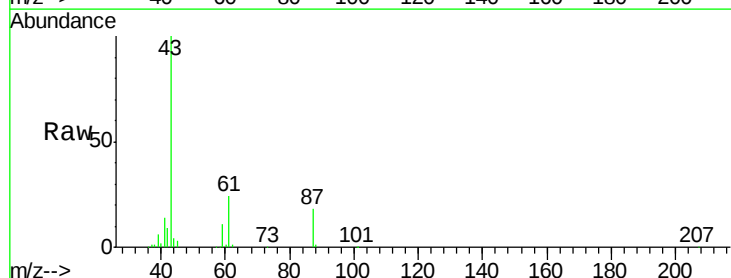
Manual Integrations
APPROVED

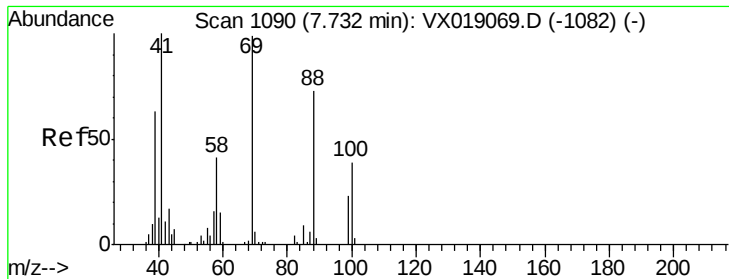
MMDadoda
10/26/2020 11:17:02 AM



#44
Isopropyl Acetate
Concen: 18.663 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion: 43 Resp: 91192
Ion Ratio Lower Upper
43 100
61 24.1 19.1 28.7





#45

1,4-Dioxane

Concen: 400.951 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.02 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

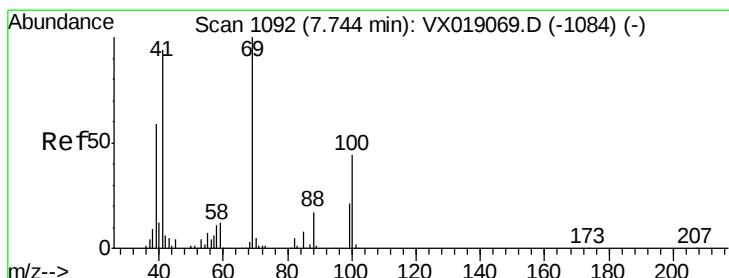
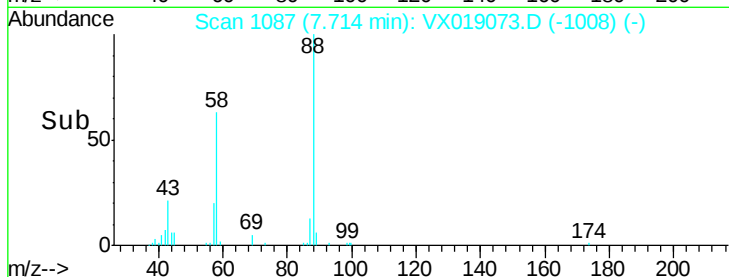
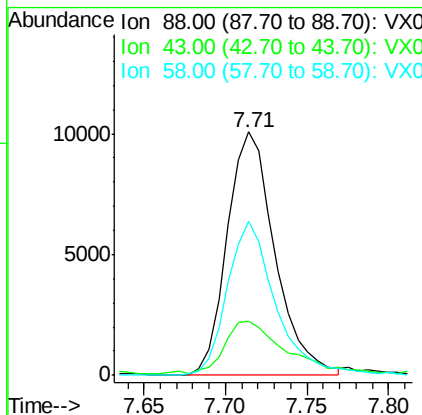
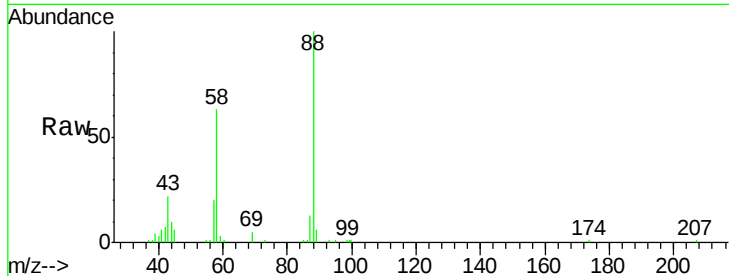
ClientSampleId :

ICVVX102320

Tot Ion:	88	Resp:	20593
Ion	Ratio	Lower	Upper
88	100		
43	27.2	20.5	30.7
58	64.2	47.4	71.2

Manual Integrations
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MMDadoda
10/26/2020 11:17:02 AM



#46

Methyl methacrylate

Concen: 18.314 ug/l

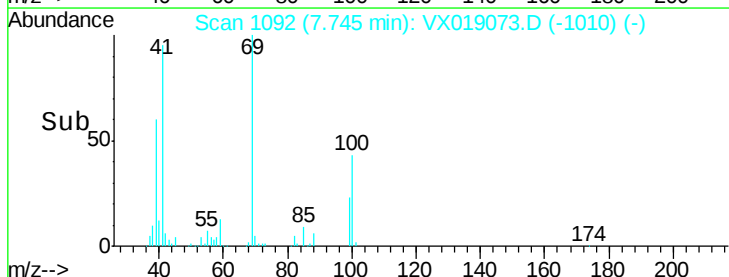
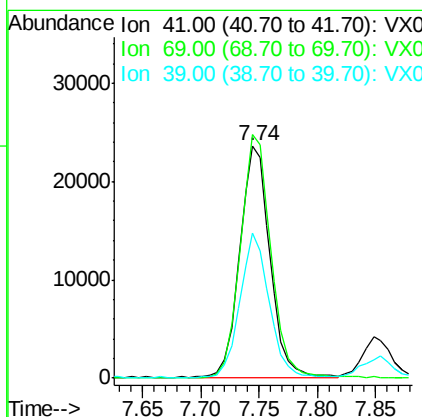
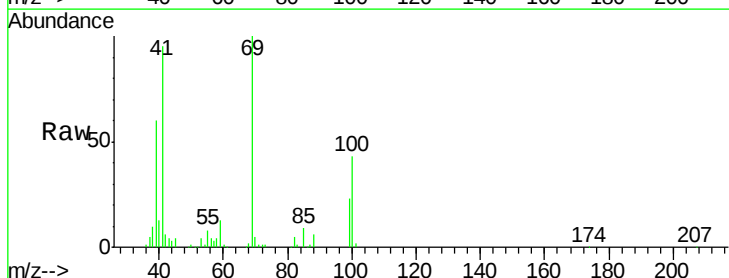
RT: 7.74 min Scan# 1092

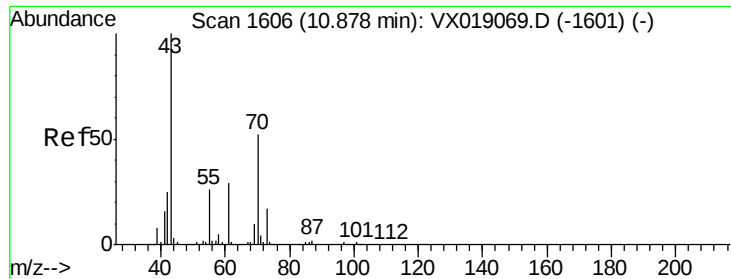
Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Tgt Ion:	41	Resp:	42356
Ion	Ratio	Lower	Upper
41	100		
69	105.1	53.1	159.4
39	62.4	31.3	93.9





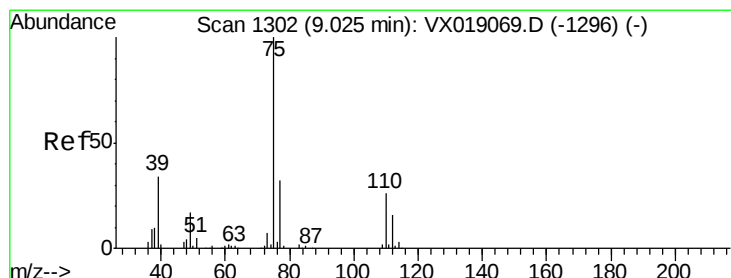
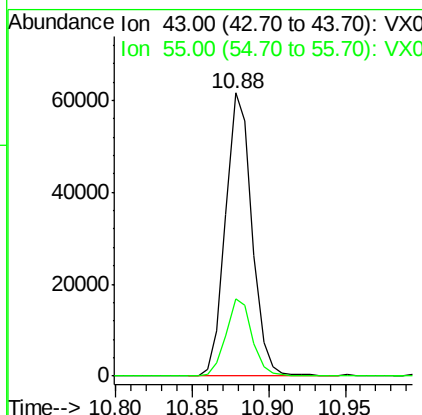
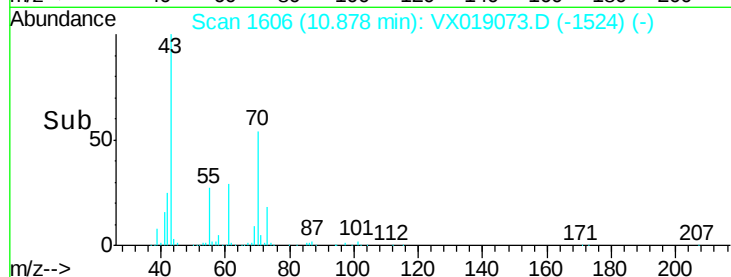
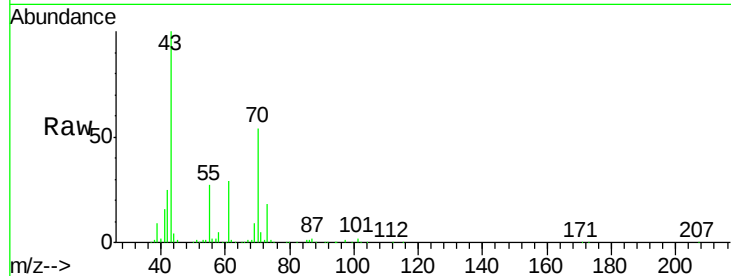
#47
n-amvl Acetate
Concen: 18.725 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

Tot Ion: 43 Resp: 73391
Ion Ratio Lower Upper
43 100
55 27.4 21.5 32.3

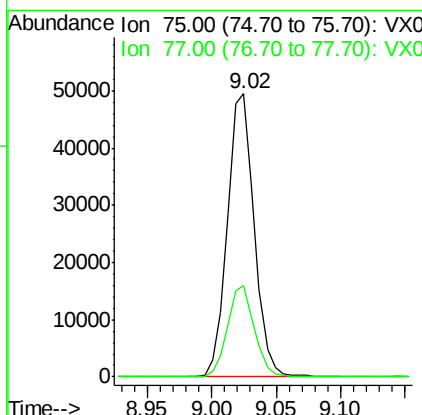
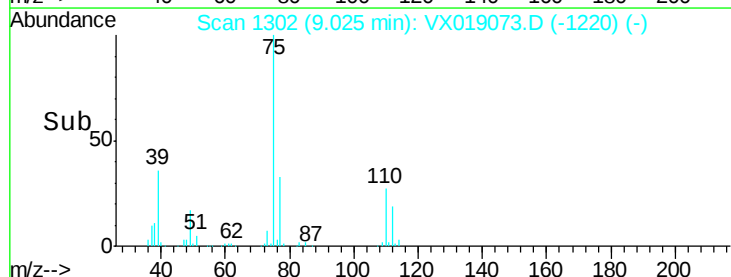
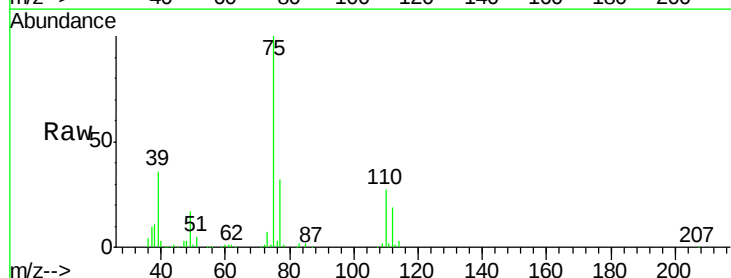
Manual Integrations
APPROVED

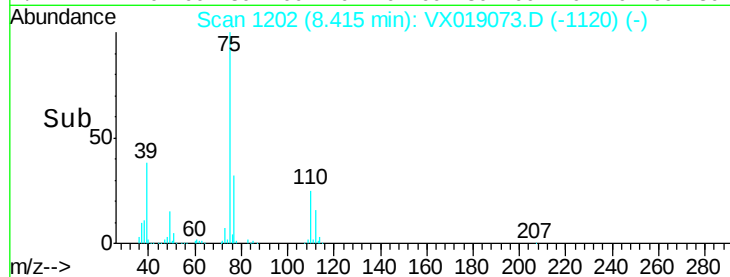
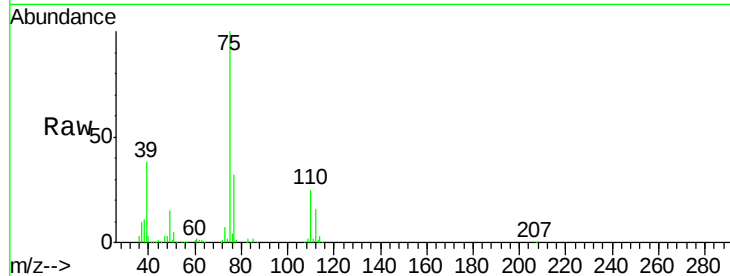
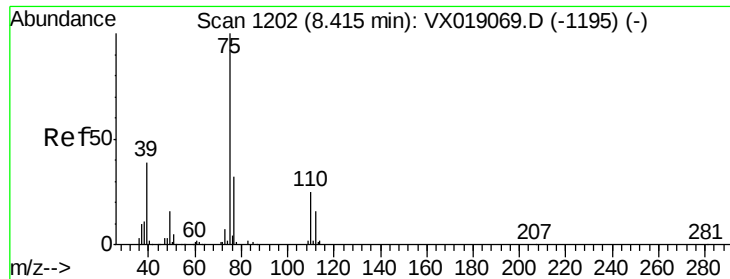
MMDadoda
10/26/2020 11:17:02 AM



#48
t-1,3-Dichloropropene
Concen: 17.724 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion: 75 Resp: 72605
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 18.008 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Tot Ion:	75	Resp:	78498
Ion Ratio	Lower	Upper	
75	100		
77	31.9	25.8	38.8
39	38.1	31.0	46.6

Instrument :

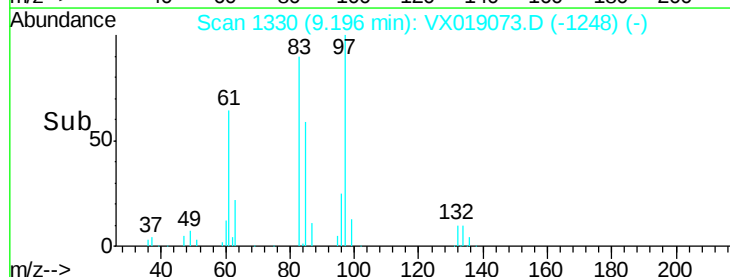
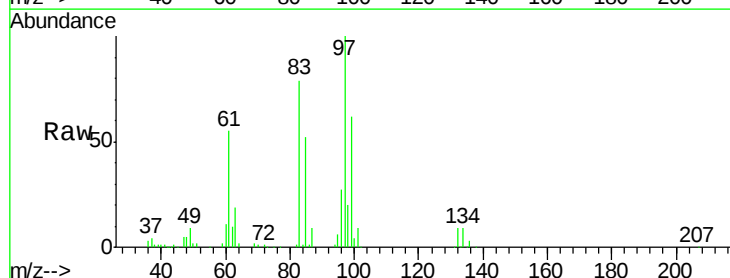
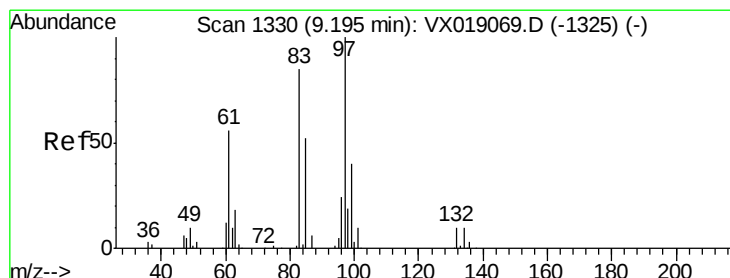
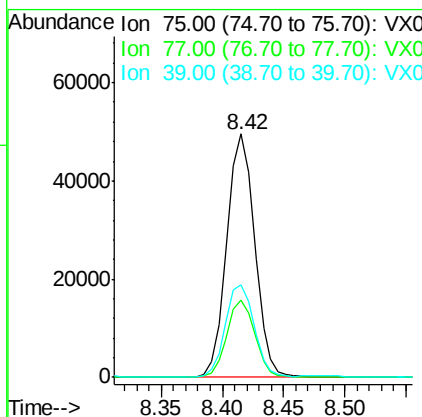
MSVOA_X

ClientSampleId :

ICVVX102320

Manual Integrations
APPROVED

MMDadoda
10/26/2020 11:17:02 AM



#50

1,1,2-Trichloroethane

Concen: 17.977 ug/l

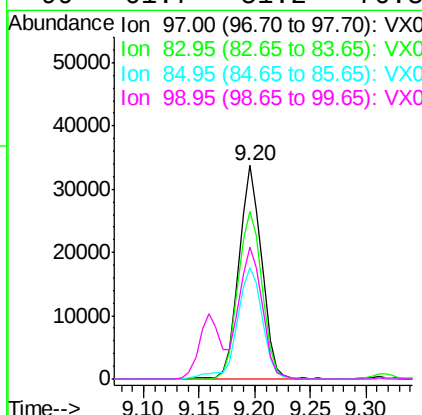
RT: 9.20 min Scan# 1330

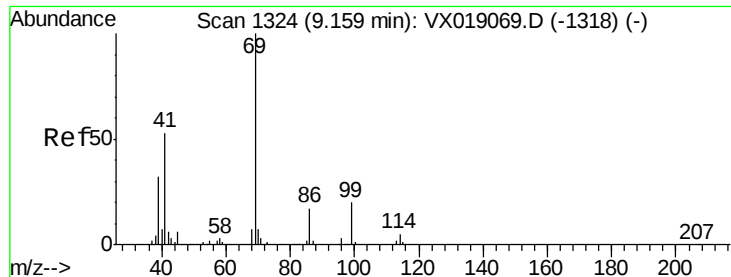
Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Tgt Ion:	97	Resp:	48191
Ion Ratio	Lower	Upper	
97	100		
83	78.8	67.8	101.6
85	52.0	43.5	65.3
99	61.7	51.2	76.8





#51

Ethyl methacrylate

Concen: 18.142 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

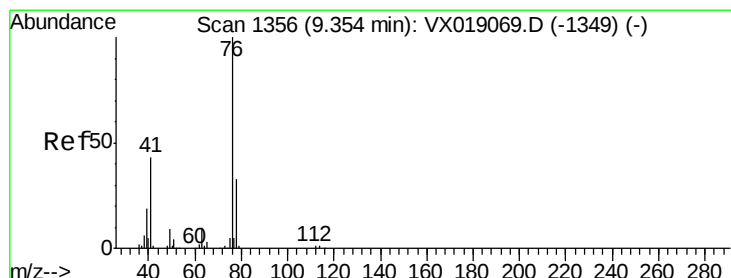
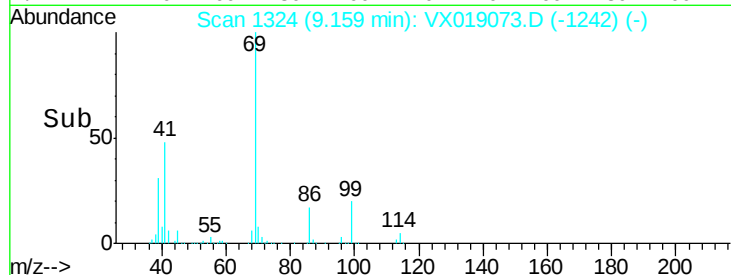
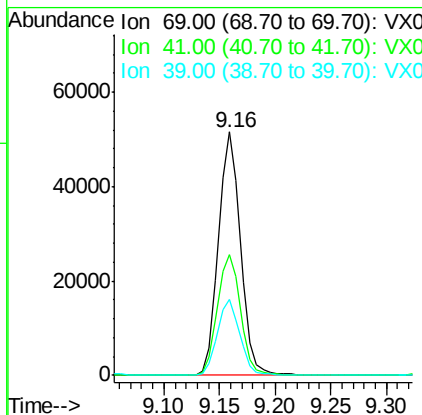
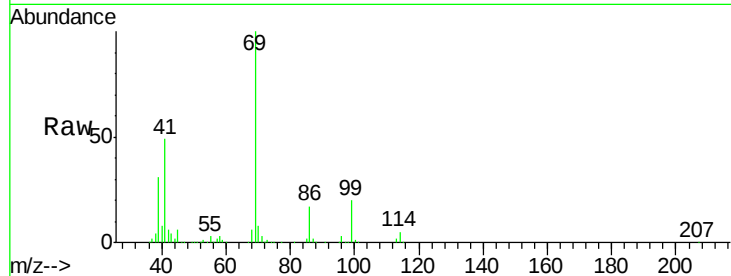
ClientSampleId :

ICVVX102320

Tot Ion:	69	Resp:	70964
Ion	Ratio	Lower	Upper
69	100		
41	49.3	26.5	79.4
39	31.0	16.2	48.6

Manual Integrations
APPROVED

MMDadoda
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#52

1,3-Dichloropropane

Concen: 18.238 ug/l

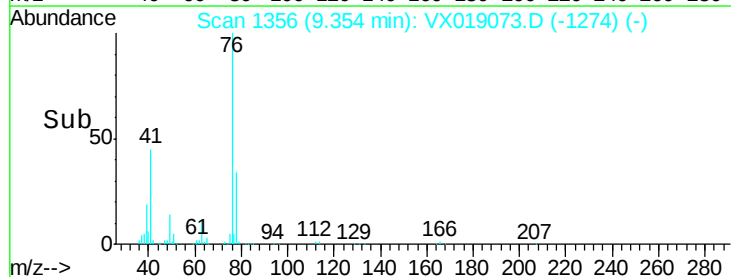
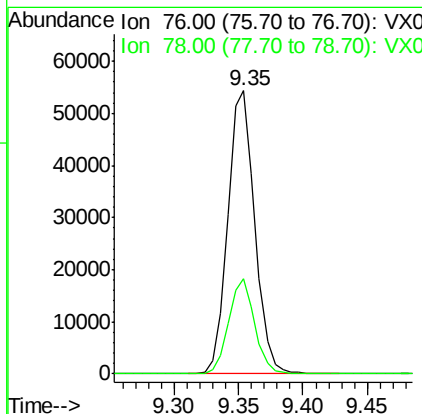
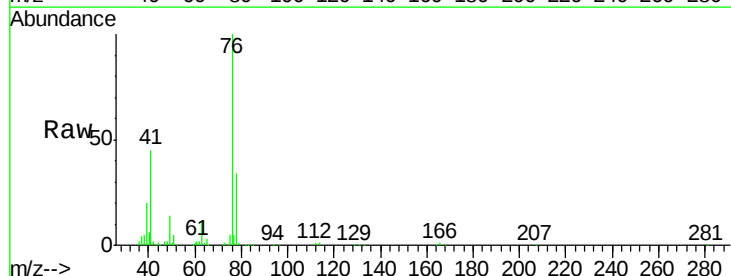
RT: 9.35 min Scan# 1356

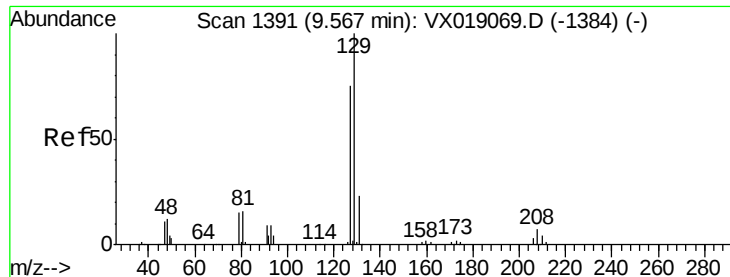
Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Tgt Ion:	76	Resp:	79648
Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	65.2





#53

Dibromochloromethane

Concen: 17.119 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

Tot Ion:129 Resp: 51087

Ion Ratio Lower Upper

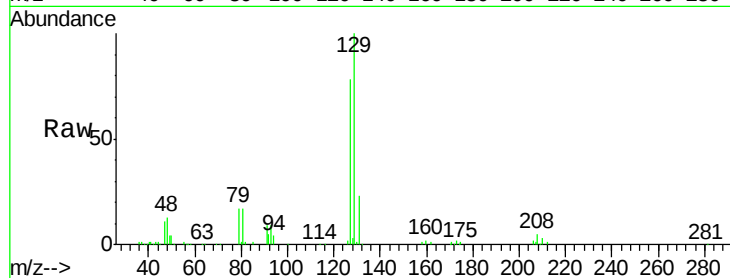
129 100

127 77.6 38.4 115.1

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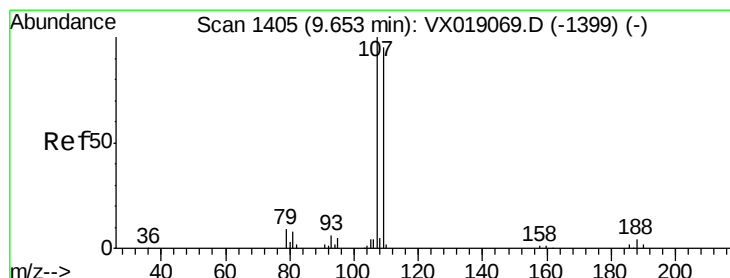
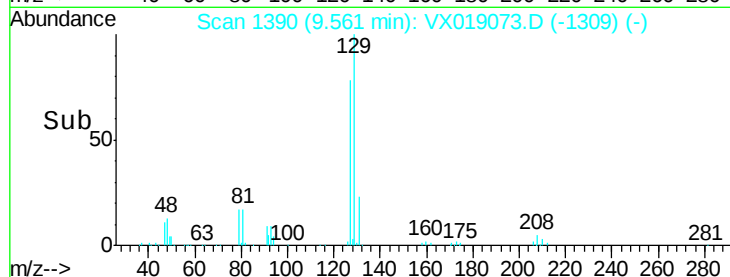
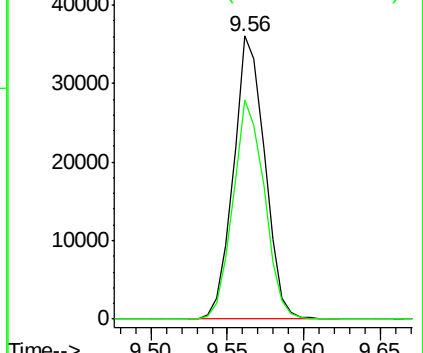
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 17.660 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019073.D

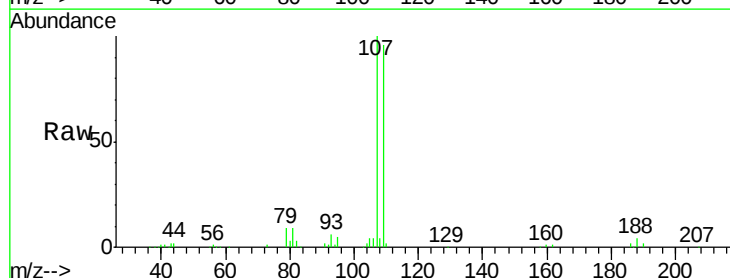
Acq: 23 Oct 2020 12:11

Tgt Ion:107 Resp: 51442

Ion Ratio Lower Upper

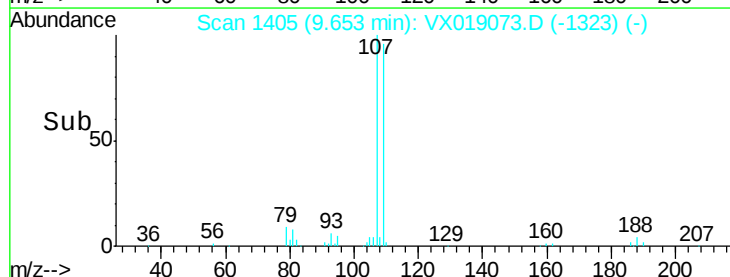
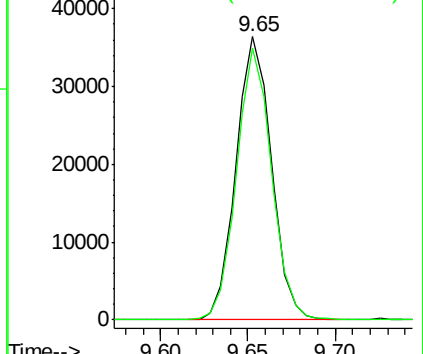
107 100

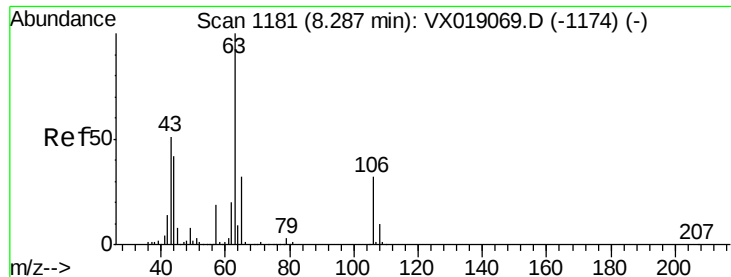
109 94.9 74.6 112.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





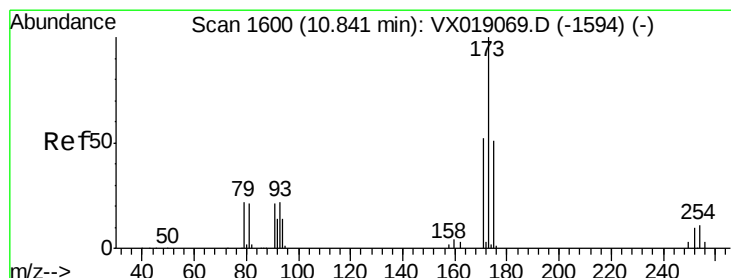
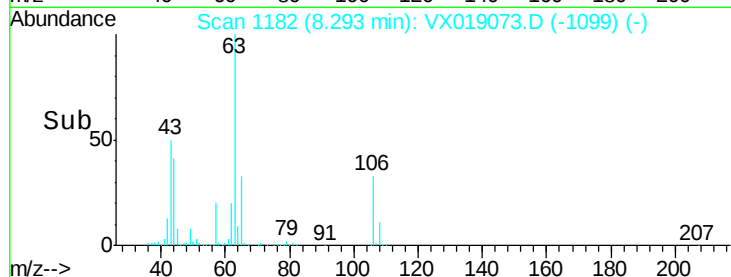
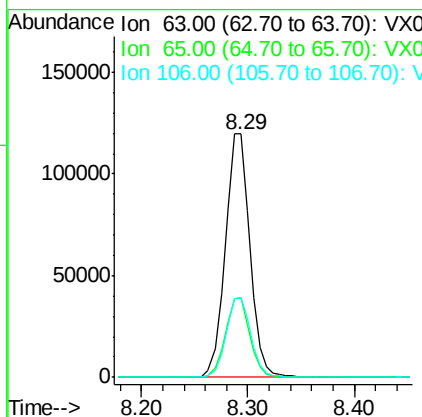
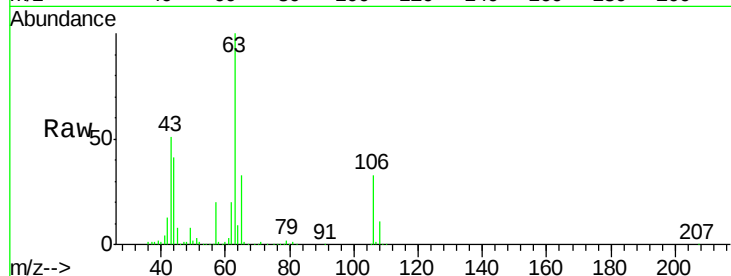
#55
2-Chloroethyl vinyl ether
Concen: 92.560 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	26.0	39.0
106	32.6	25.9	38.9

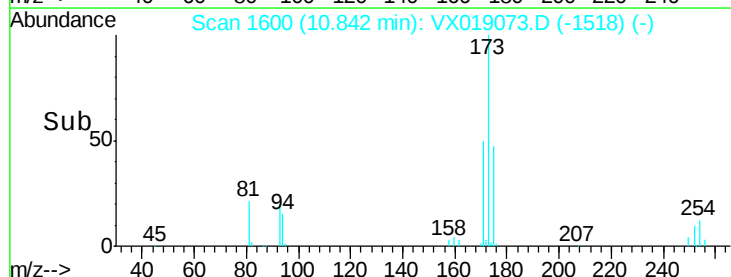
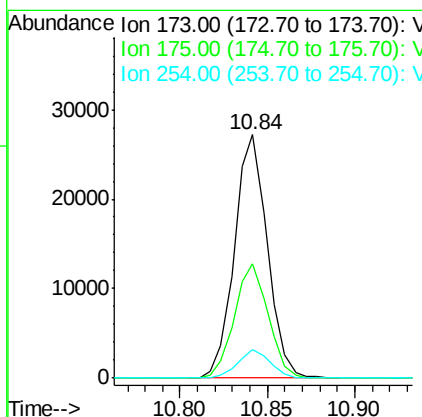
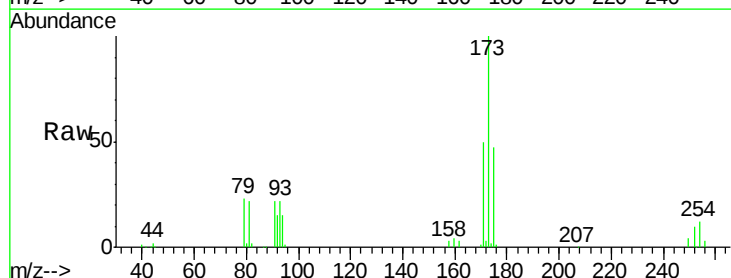
Manual Integrations
APPROVED

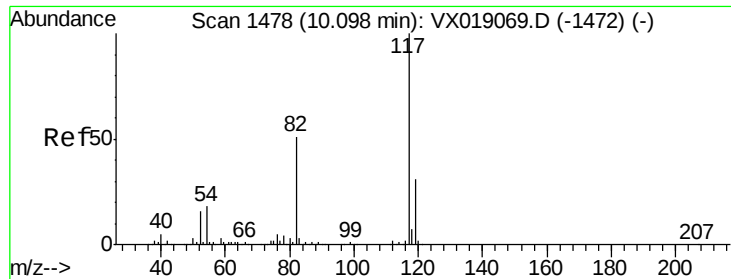
MMDadoda
10/26/2020 11:17:02 AM



#56
Bromoform
Concen: 17.009 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.6	59.4
254	11.4	8.6	13.0





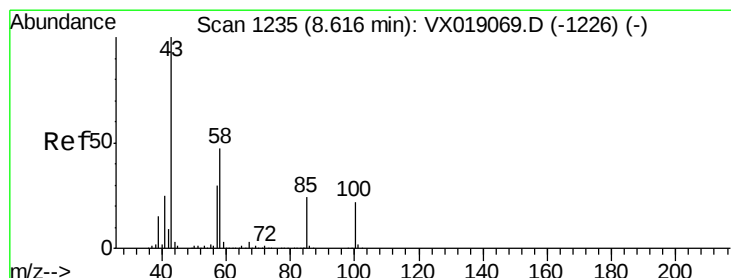
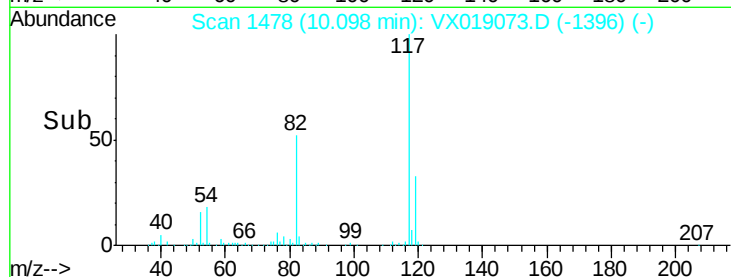
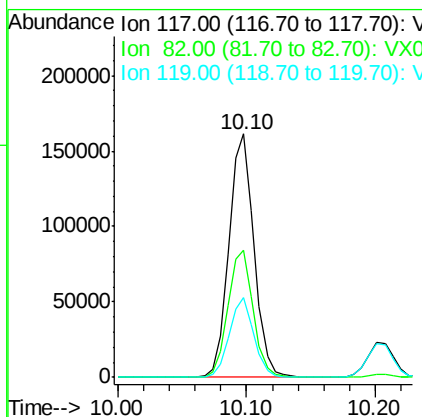
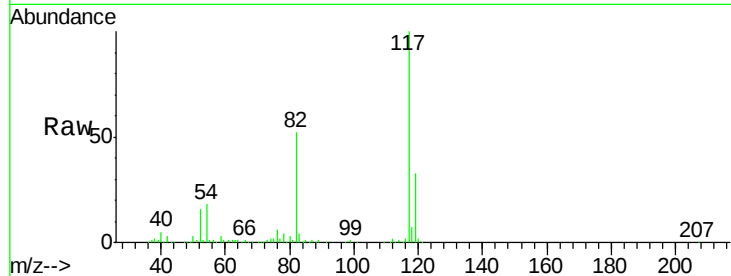
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

Tot Ion	Ratio	Resp	Lower	Upper
117	100	219909		
82	52.7		42.5	63.7
119	31.9		25.6	38.4

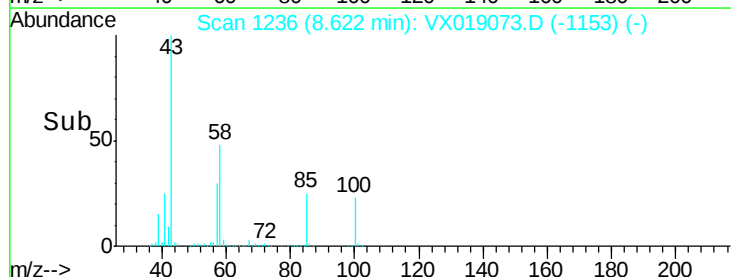
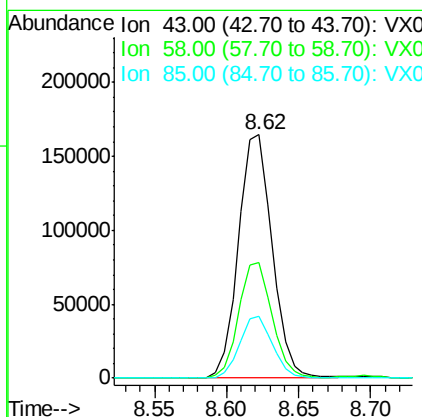
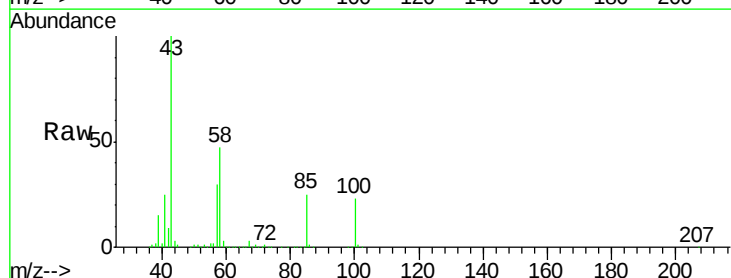
Manual Integrations
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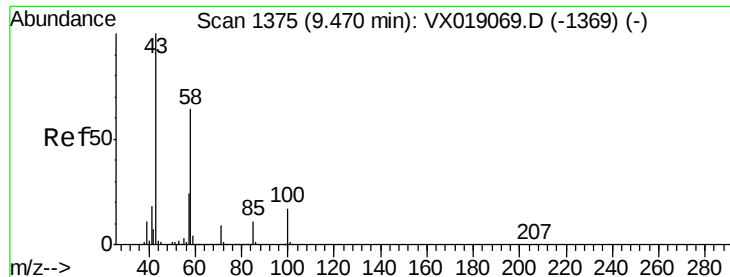
MMDadoda
10/26/2020 11:17:02 AM



#58
4-Methyl-2-Pentanone
Concen: 96.479 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	267559		
58	47.3		37.6	56.4
85	24.7		19.4	29.2





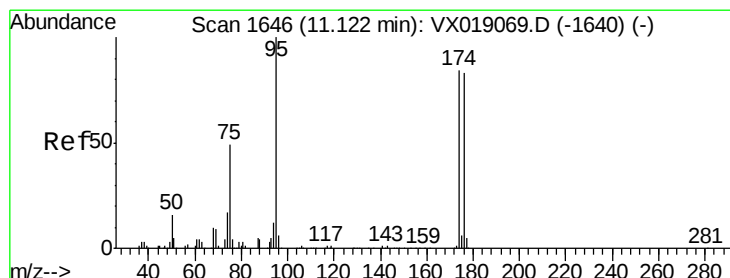
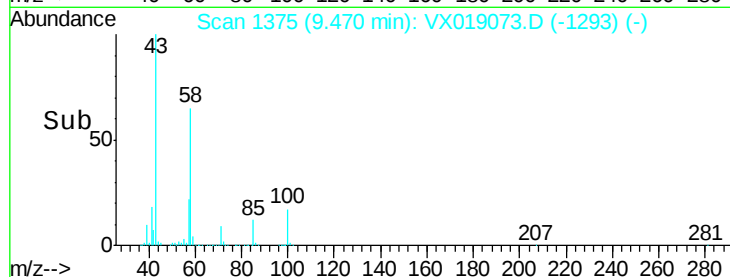
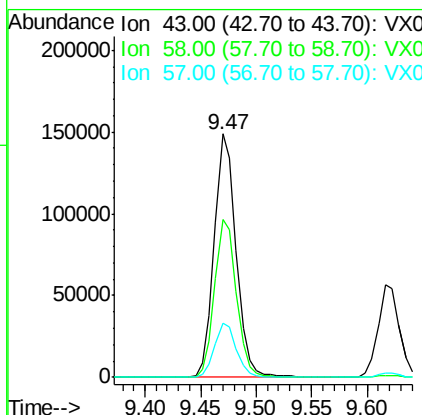
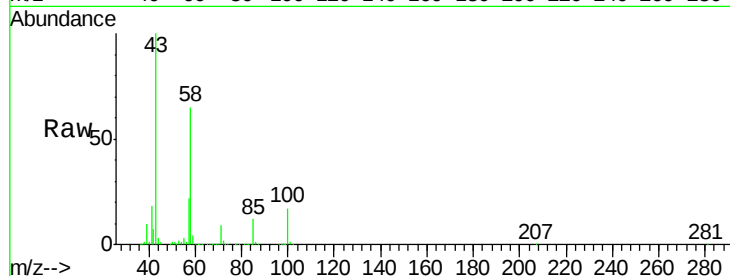
#59
2-Hexanone
Concen: 97.860 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

Tot Ion	Ratio	Lower	Upper
43	100		
58	65.1	51.9	77.9
57	22.6	18.2	27.4

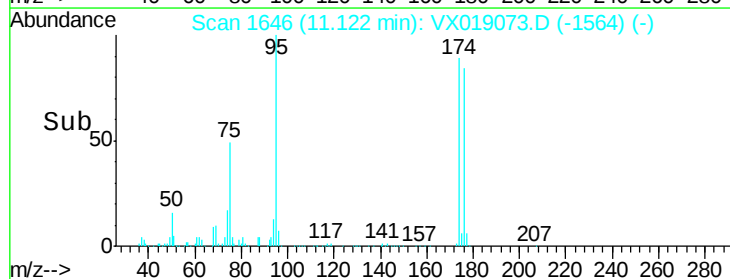
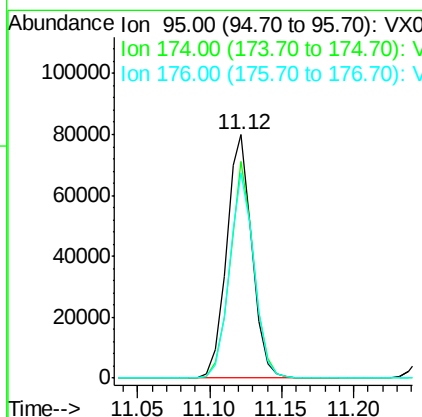
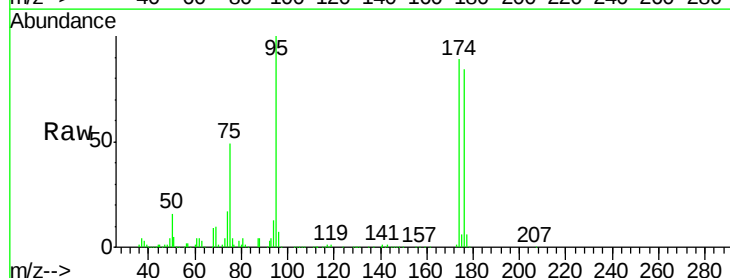
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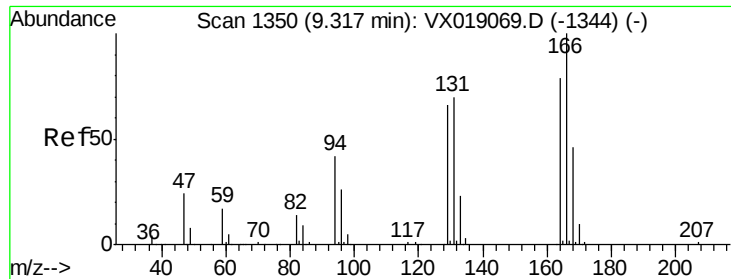
MMDadoda
10/26/2020 11:17:02 AM



#60
4-Bromofluorobenzene
Concen: 29.968 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.4	66.3	99.5
176	81.9	65.5	98.3





#61

Tetrachloroethene

Concen: 18.076 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

Tot Ion:164 Resp: 47157

Ion Ratio Lower Upper

164 100

166 132.2 101.9 152.9

129 96.2 67.0 100.6

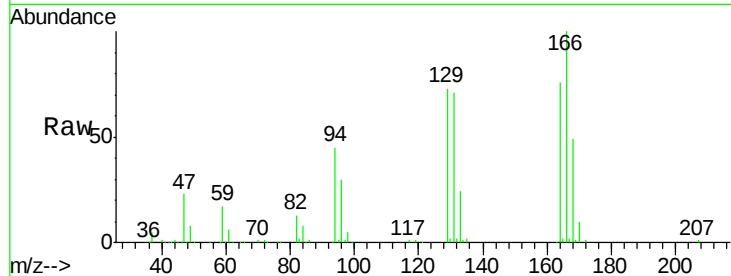
131 94.4 71.1 106.7

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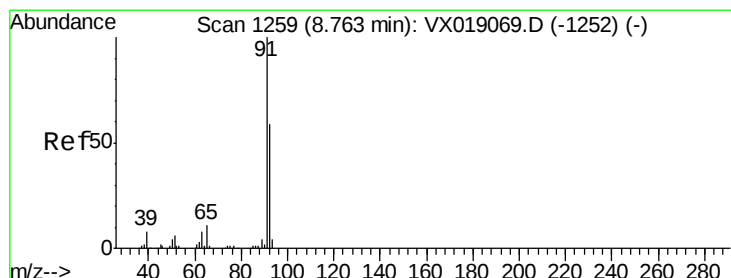
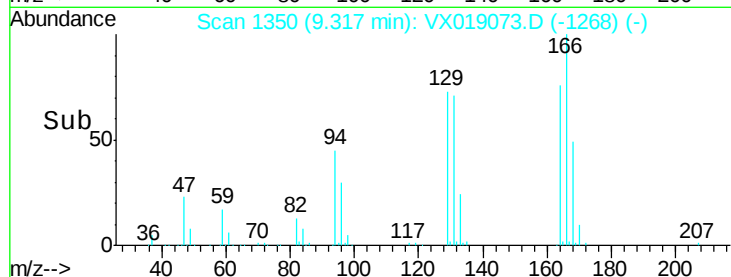
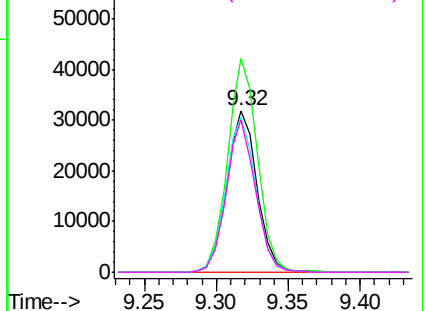


Abundance Ion 163.85 (163.55 to 164.55): V

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: 18.454 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019073.D

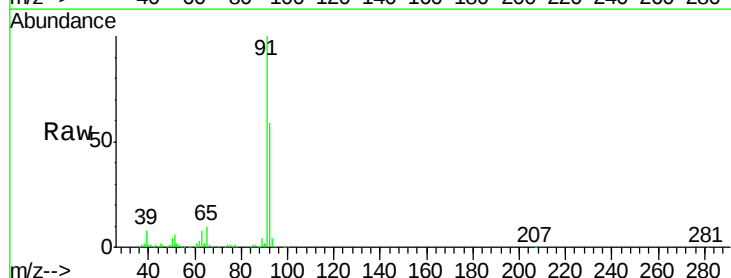
Acq: 23 Oct 2020 12:11

Tgt Ion: 91 Resp: 213282

Ion Ratio Lower Upper

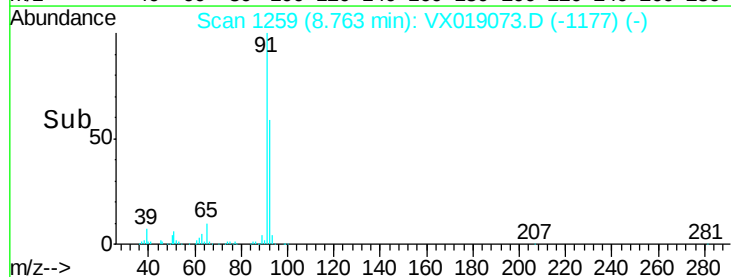
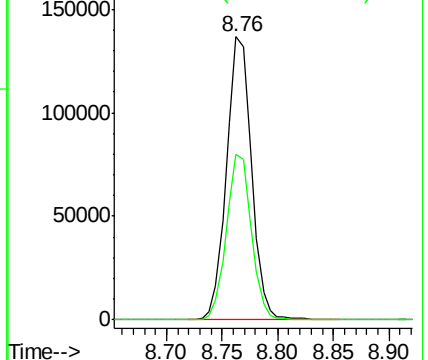
91 100

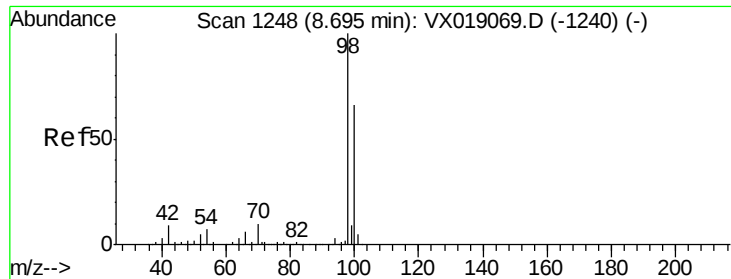
92 58.4 47.3 70.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





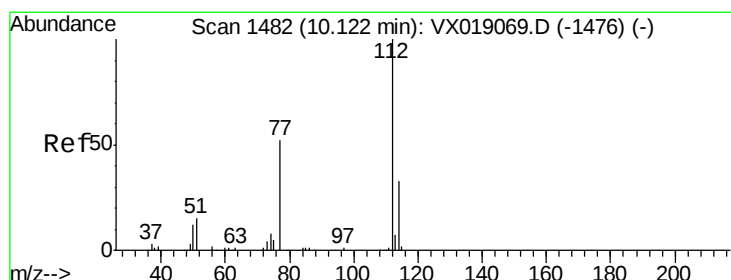
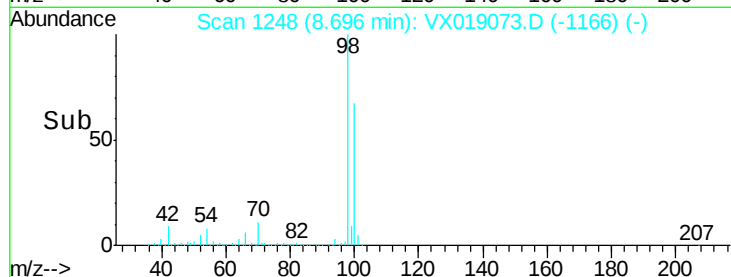
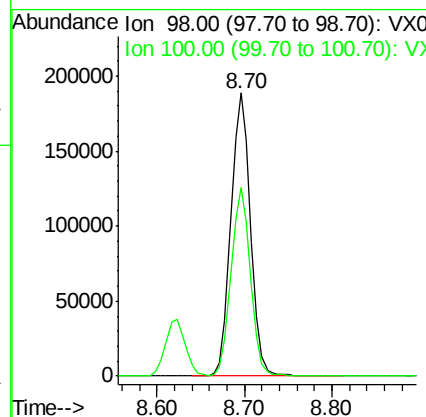
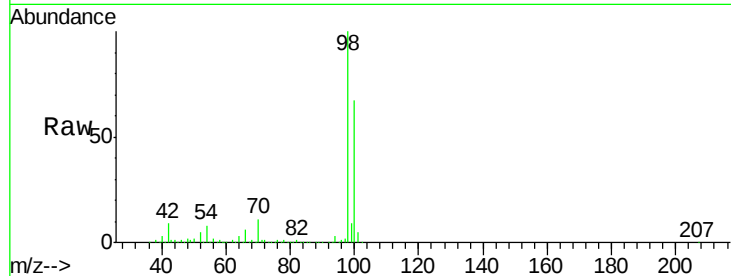
#63
Toluene-d8
Concen: 30.107 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

Tot Ion: 98 Resp: 292316
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4

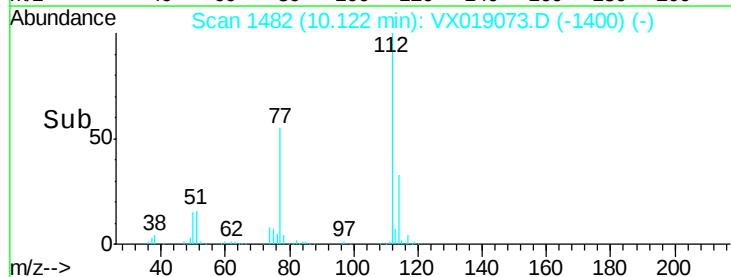
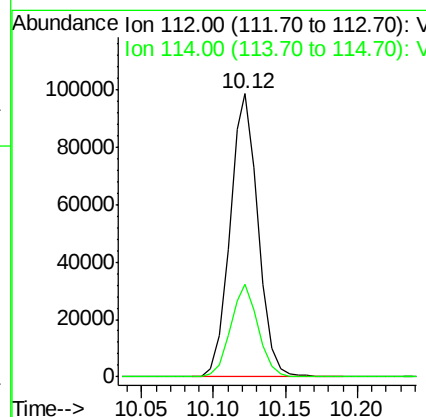
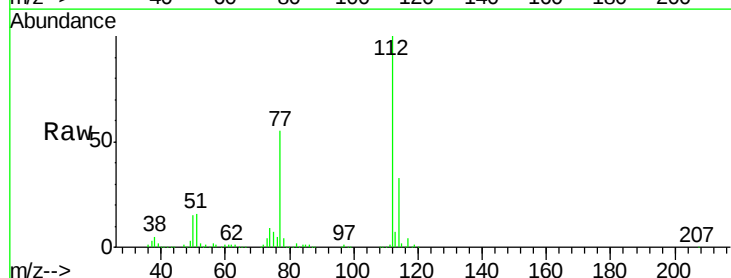
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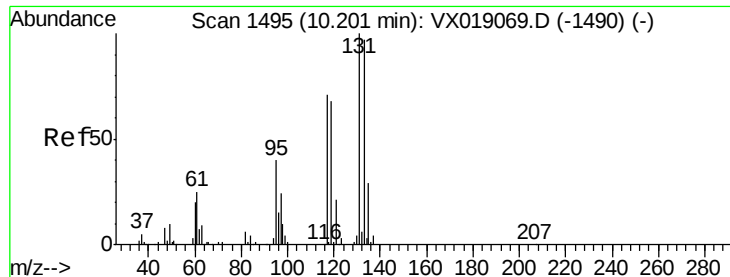
MMDadoda
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#64
Chlorobenzene
Concen: 18.716 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion: 112 Resp: 134463
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.357 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

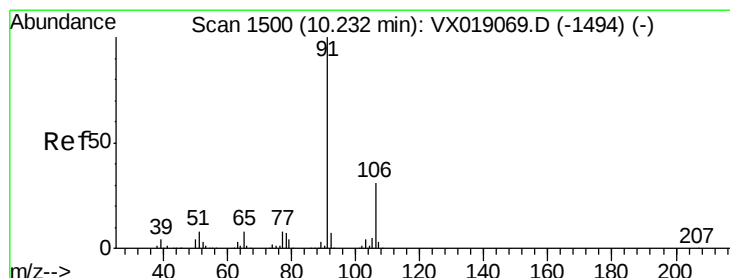
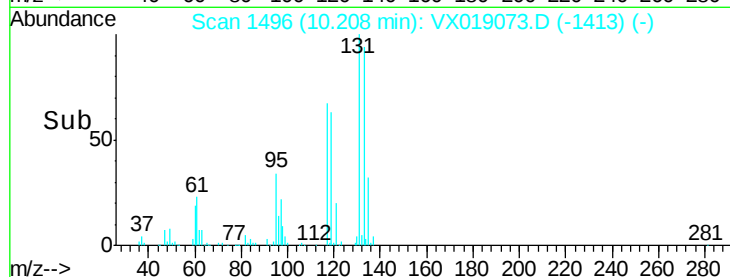
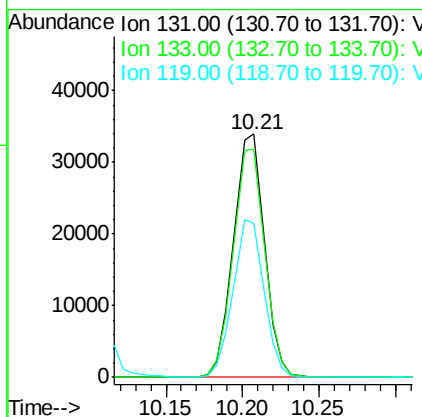
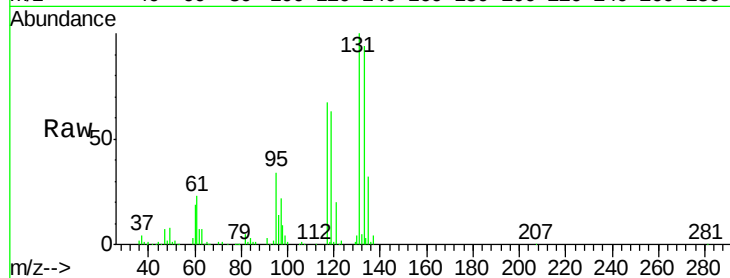
ClientSampleId :

ICVVX102320

Tot Ion	Ratio	Resp	Lower	Upper
131	100	47965		
133	95.6	0.0	191.6	
119	65.1	0.0	130.0	

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#66

Ethyl Benzene

Concen: 18.638 ug/l

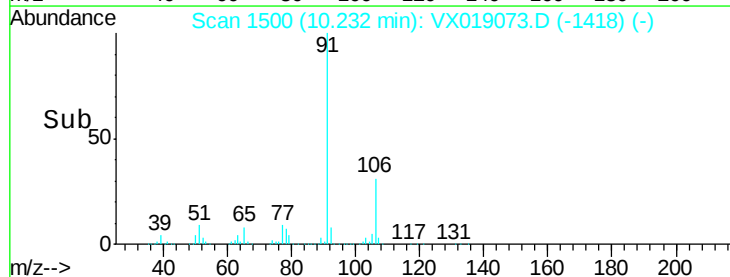
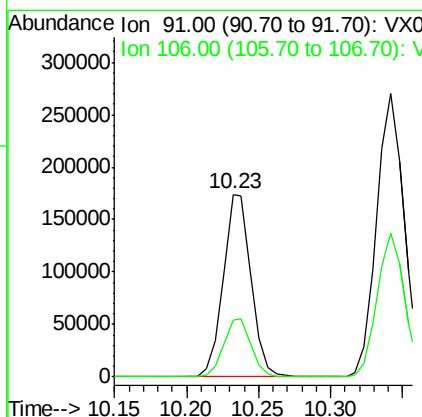
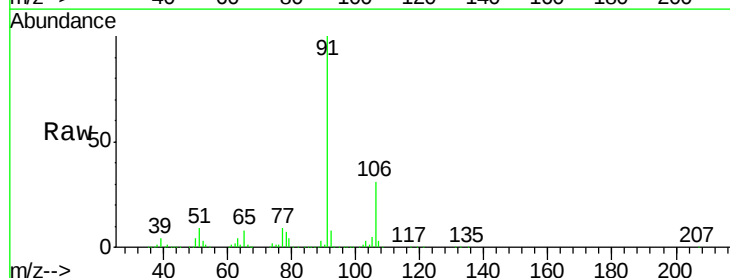
RT: 10.23 min Scan# 1500

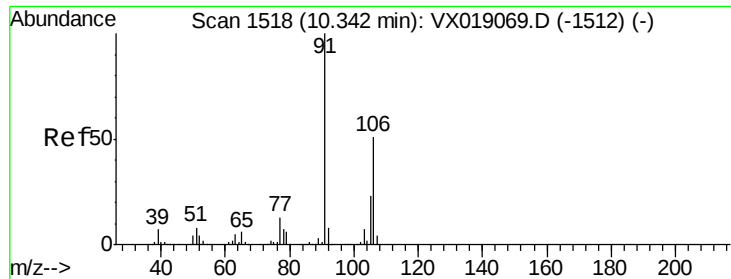
Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	236165		
106	31.3	24.7	37.1	





#67

m/p-Xylenes

Concen: 37.175 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

Tot Ion:106 Resp: 179643

Ion Ratio Lower Upper

106 100

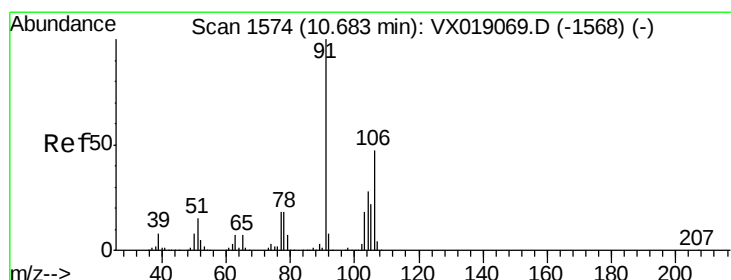
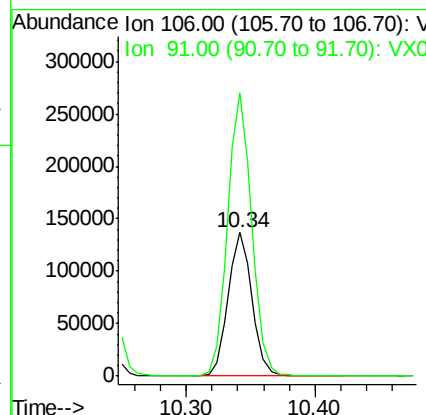
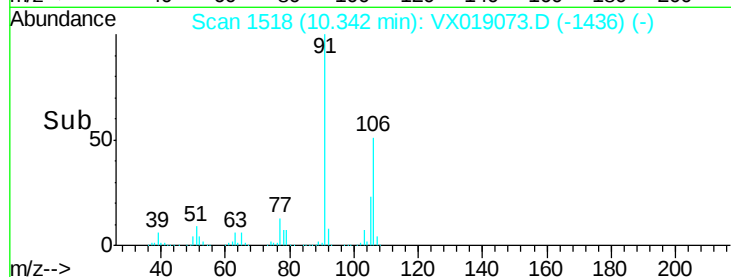
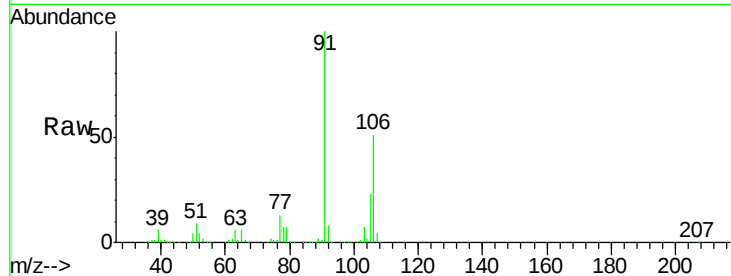
91 198.1 157.5 236.3

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#68

o-Xylene

Concen: 18.637 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019073.D

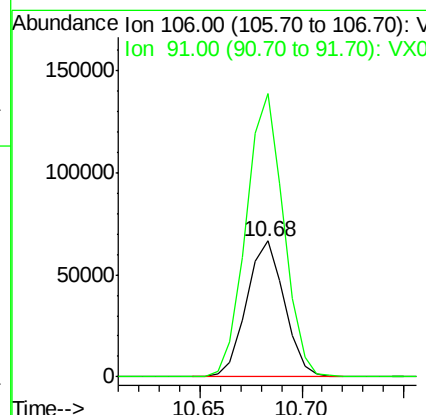
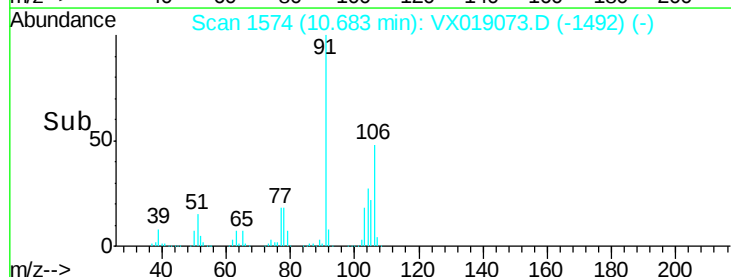
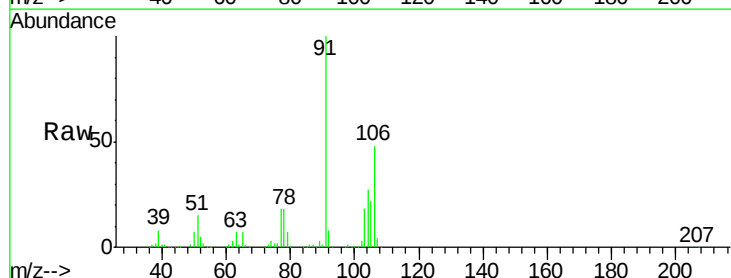
Acq: 23 Oct 2020 12:11

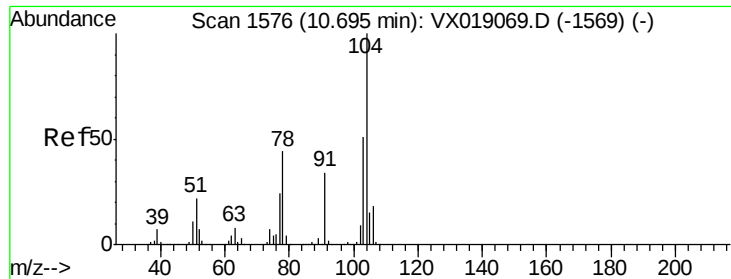
Tgt Ion:106 Resp: 85896

Ion Ratio Lower Upper

106 100

91 205.7 103.8 311.4





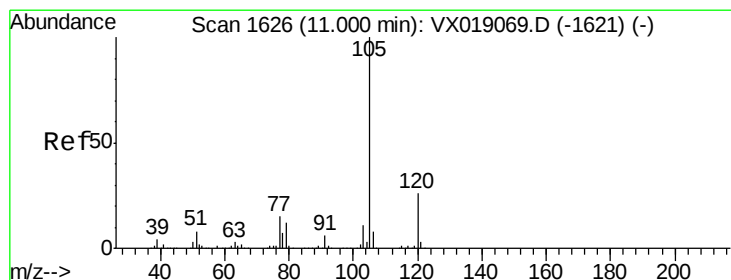
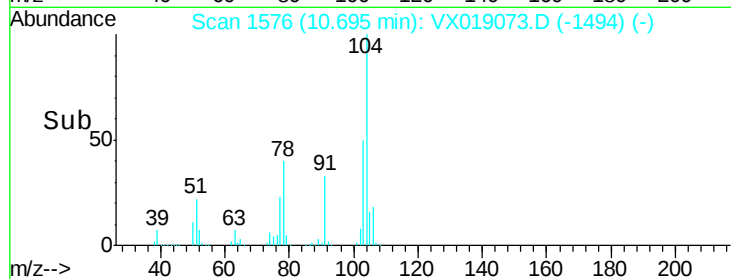
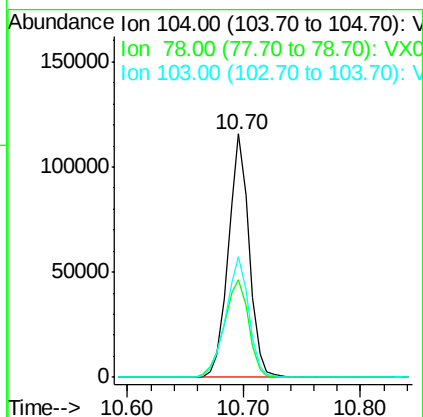
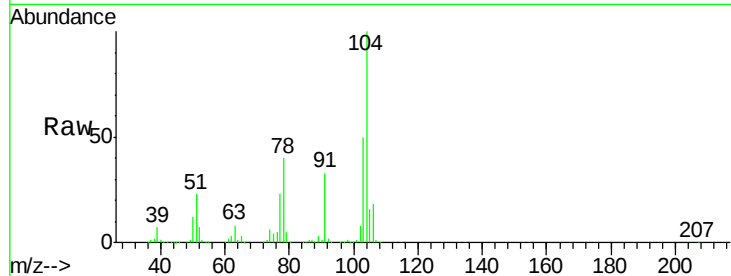
#69
Stvrene
Concen: 18.471 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

Tot Ion	Ratio	Resp	Lower	Upper
104	100	143436		
78	47.5	38.6	58.0	
103	54.2	43.4	65.2	

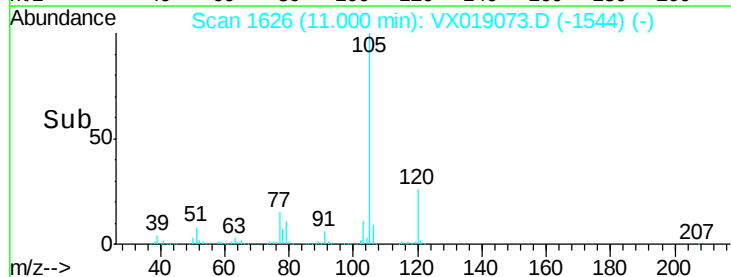
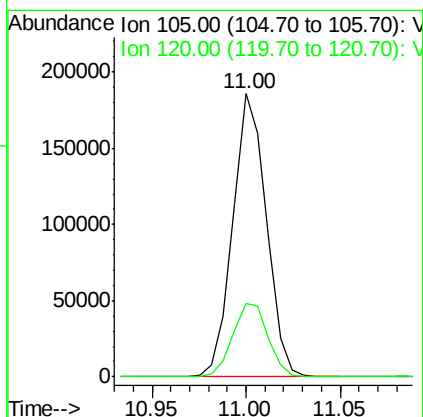
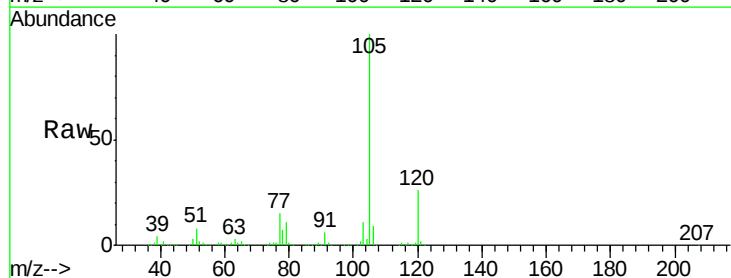
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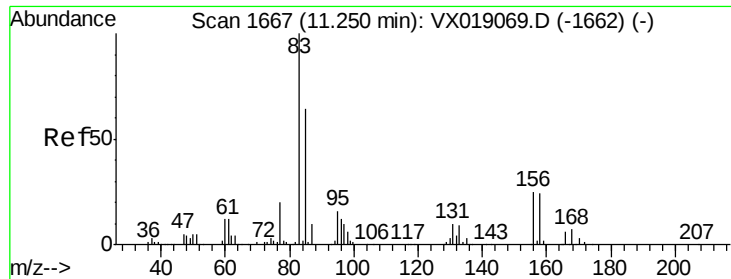
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#70
Isopropylbenzene
Concen: 18.575 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	230183		
120	27.3	19.0	35.4	





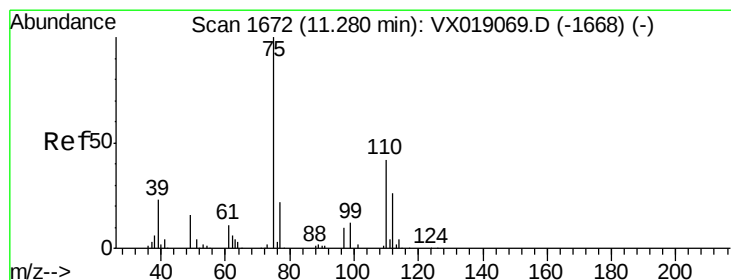
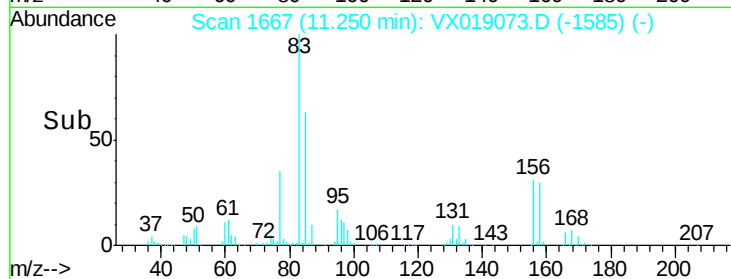
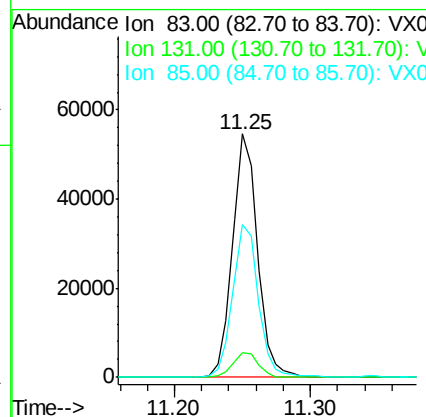
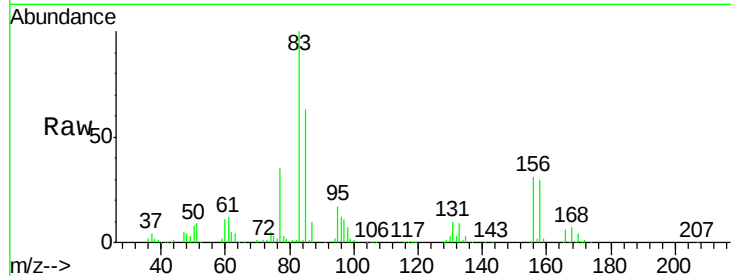
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.583 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102320

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	64.6	32.5	97.4

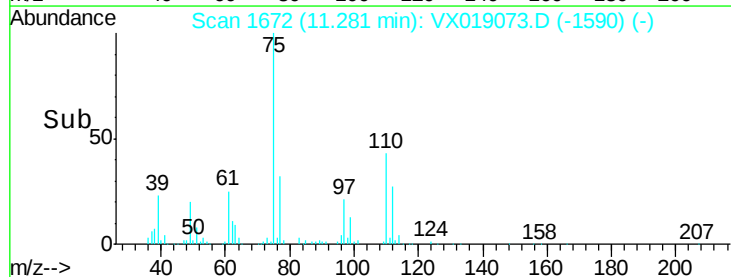
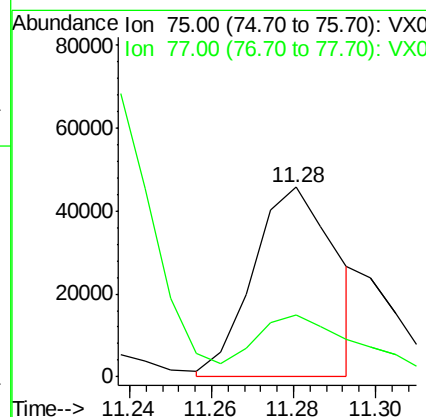
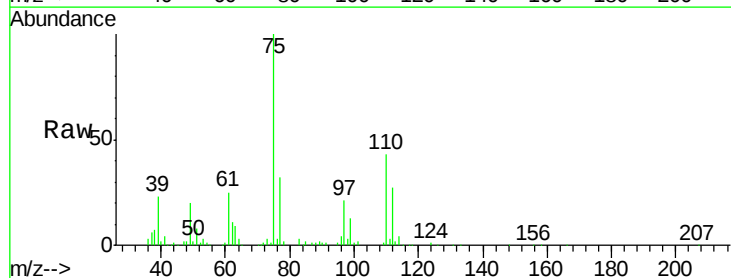
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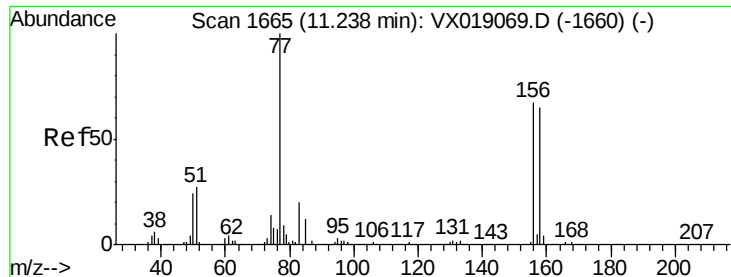
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#72
 1,2,3-Trichloropropane
 Concen: 19.820 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	40.9	0.0	81.8





#73

Bromobenzene

Concen: 19.159 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

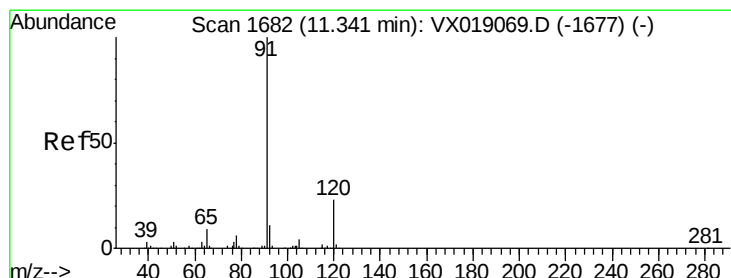
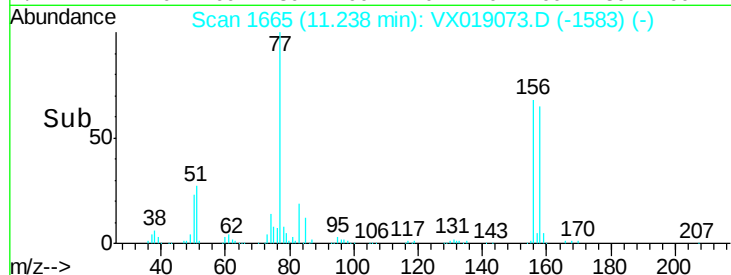
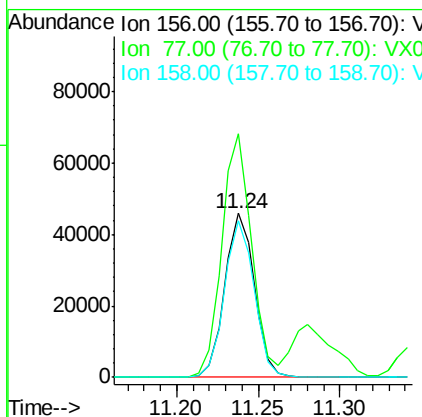
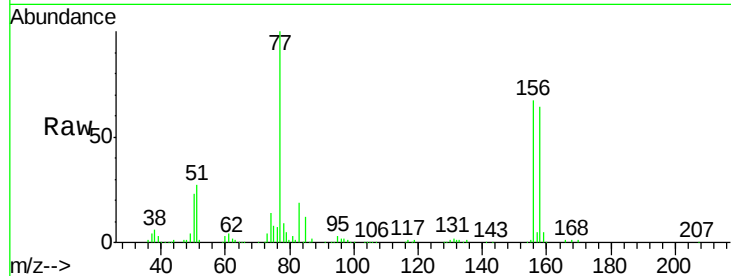
ClientSampleId :

ICVVX102320

Tot Ion:	156	Resp:	58026
Ion Ratio	Lower	Upper	
156	100		
77	149.3	0.0	299.6
158	95.4	0.0	192.2

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#74

n-propylbenzene

Concen: 18.785 ug/l

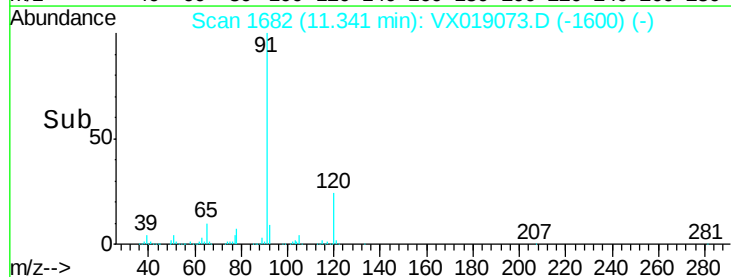
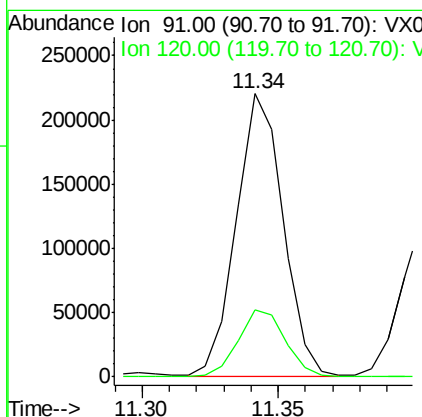
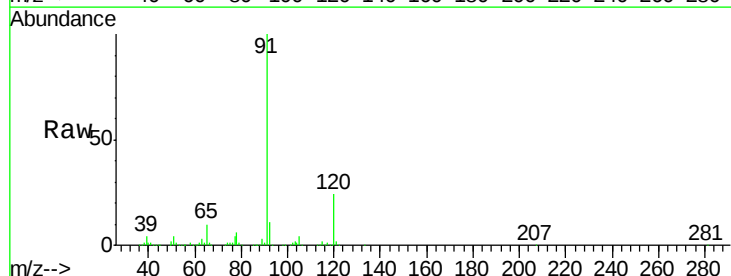
RT: 11.34 min Scan# 1682

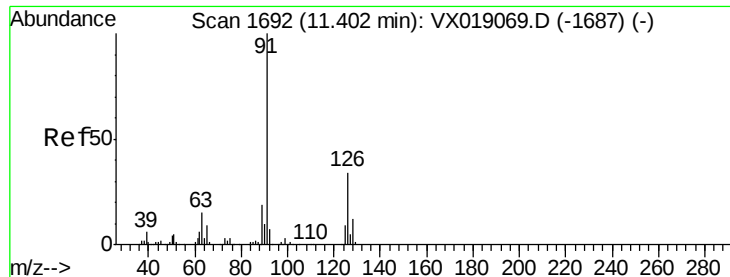
Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Tgt Ion:	91	Resp:	263583
Ion Ratio	Lower	Upper	
91	100		
120	23.9	0.0	46.6





#75

2-Chlorotoluene

Concen: 19.181 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

Tot Ion: 91 Resp: 152242

Ion Ratio Lower Upper

91 100

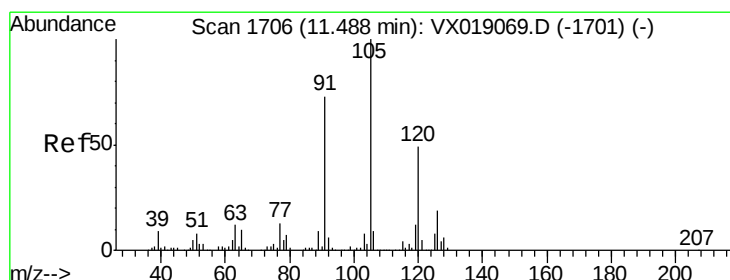
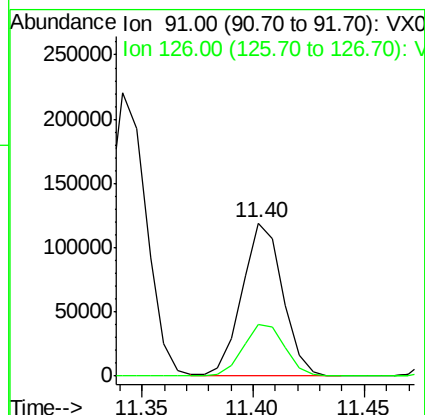
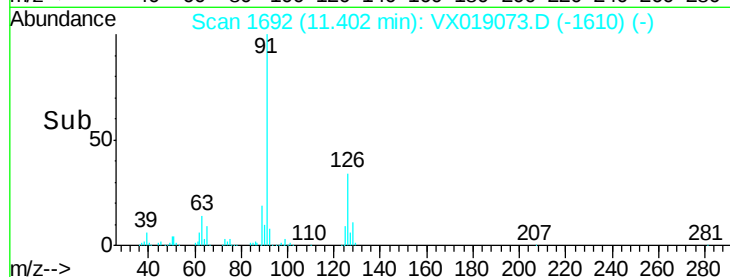
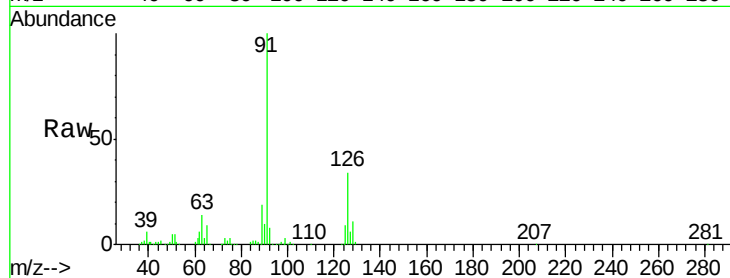
126 34.8 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 18.888 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019073.D

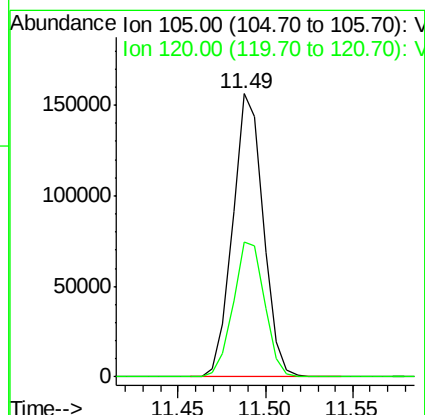
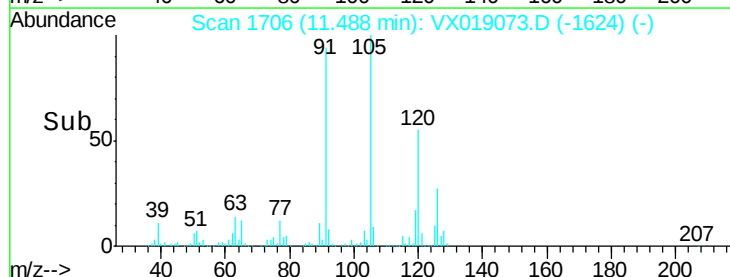
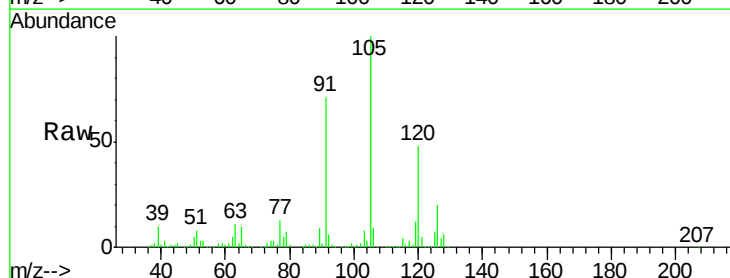
Acq: 23 Oct 2020 12:11

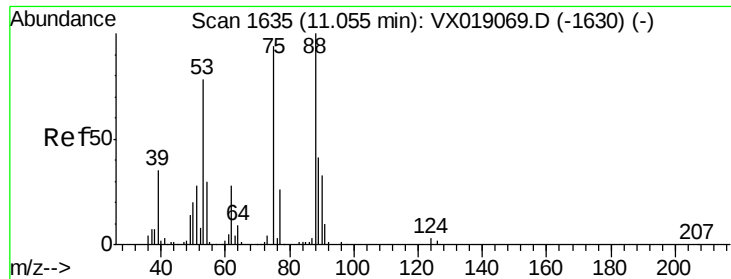
Tgt Ion: 105 Resp: 189938

Ion Ratio Lower Upper

105 100

120 49.2 0.0 100.2





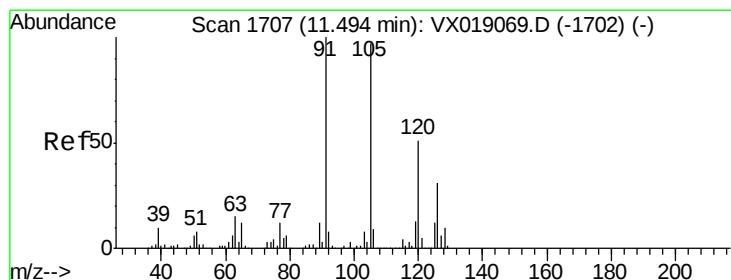
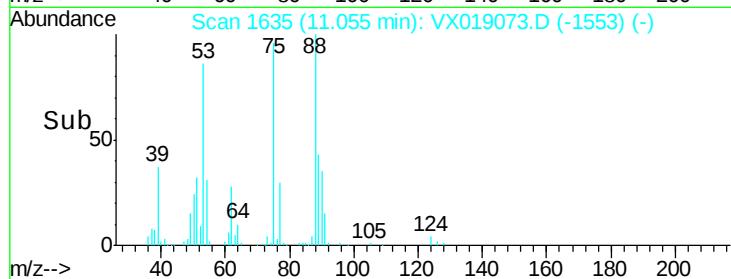
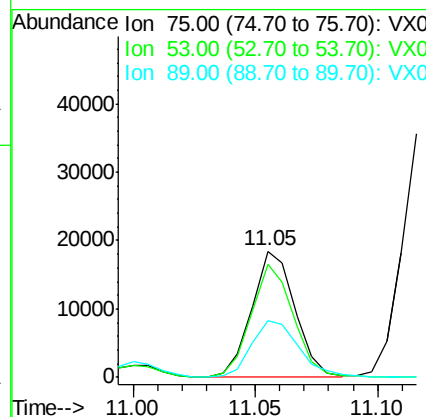
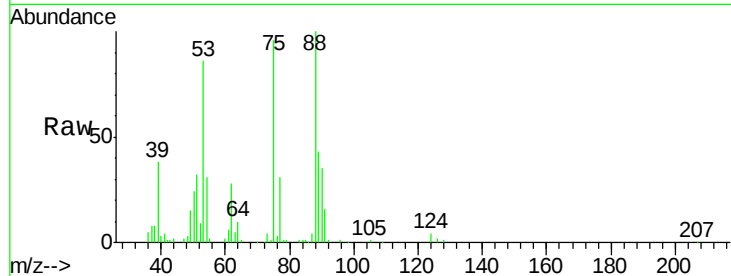
#77
t-1,4-Dichloro-2-butene
Concen: 17.830 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.3	41.6	124.8
89	44.3	21.8	65.3

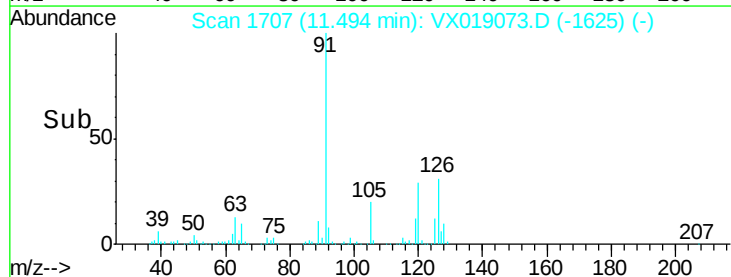
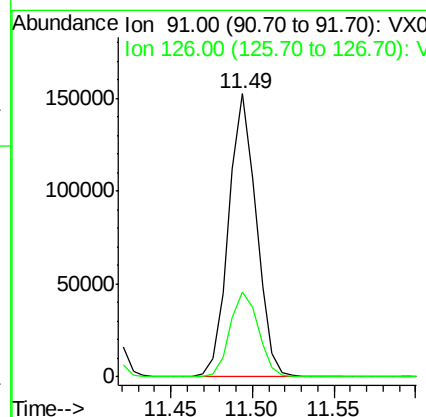
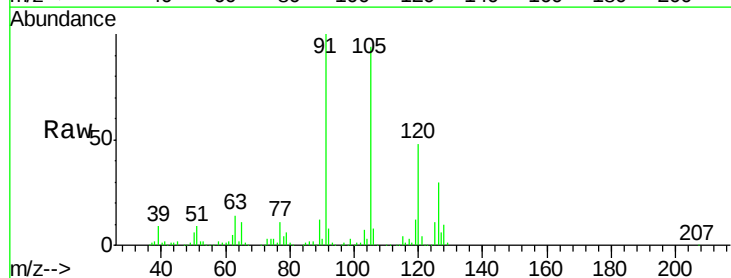
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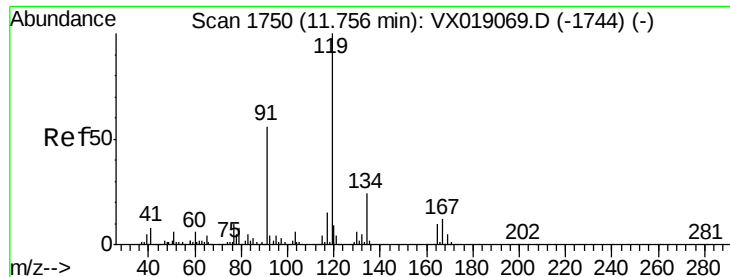
MMDadoda
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#78
4-Chlorotoluene
Concen: 19.296 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	0.0	61.2





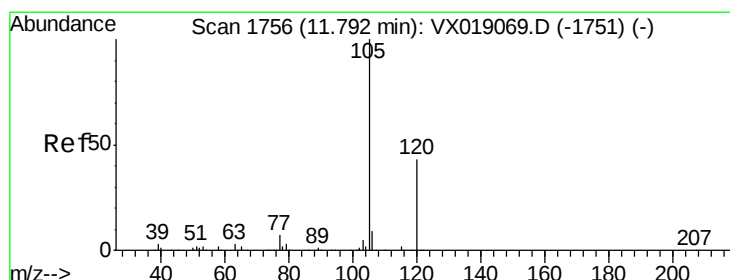
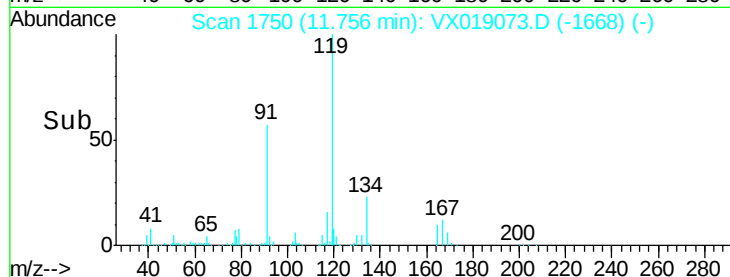
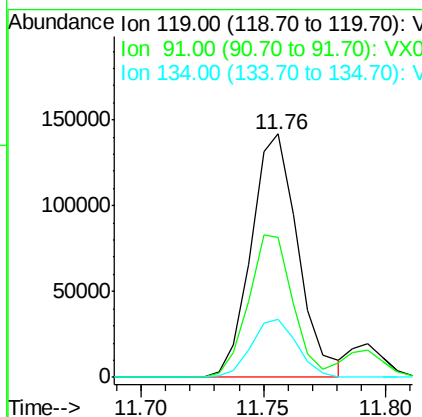
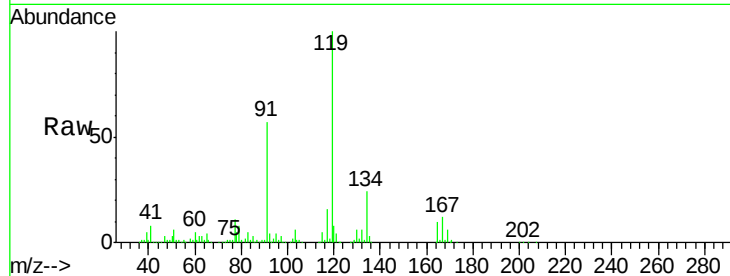
#79
tert-butylbenzene
Concen: 19.179 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

Tot Ion	Ratio	Resp	Lower	Upper
119	100	189909		
91	55.1	0.0	111.4	
134	23.2	0.0	47.2	

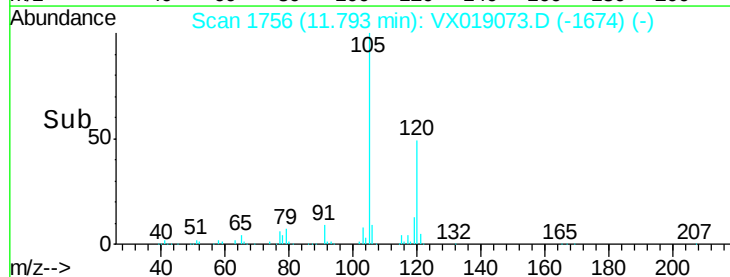
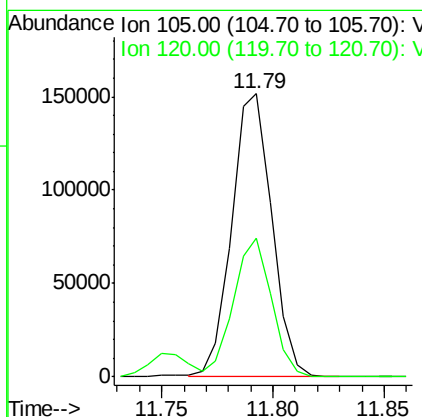
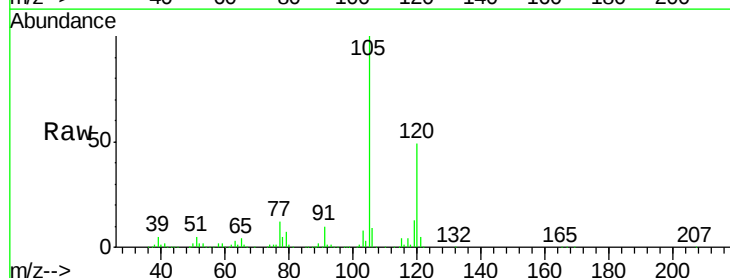
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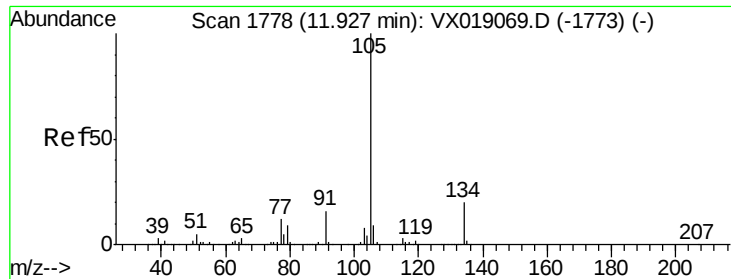
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 18.921 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	189134		
120	46.8	0.0	92.0	





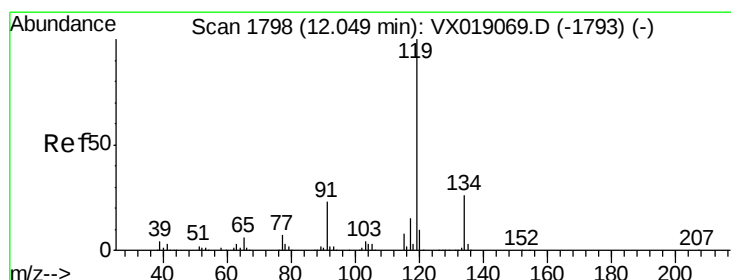
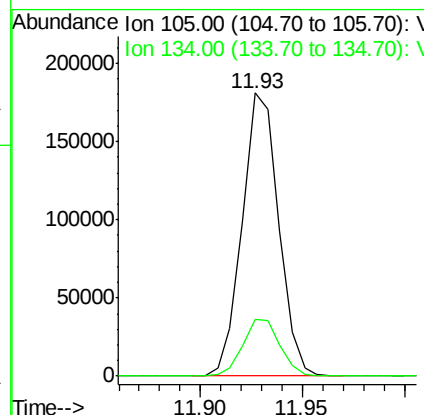
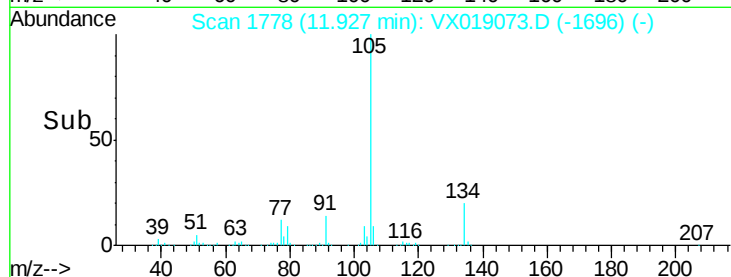
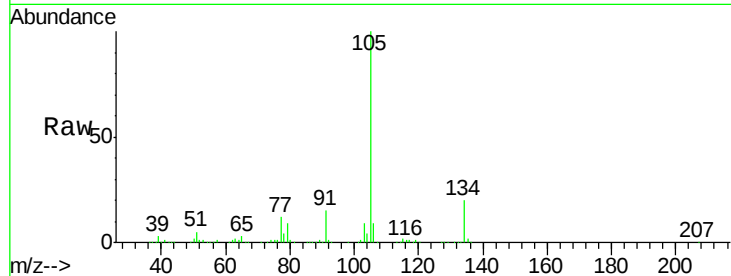
#81
 sec-Butylbenzene
 Concen: 19.164 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102320

Tot Ion	Ratio	Resp	Lower	Upper
105	100	224546		
134	20.4	0.0	40.8	

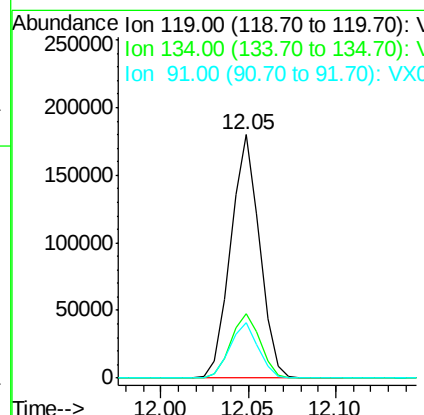
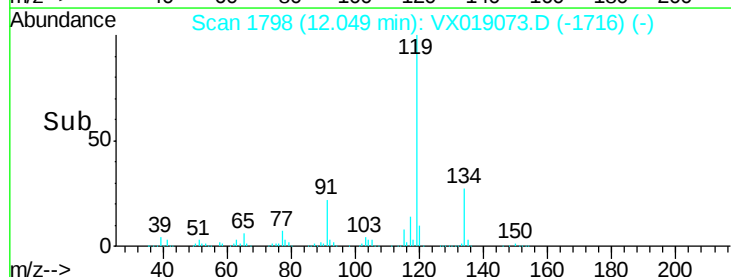
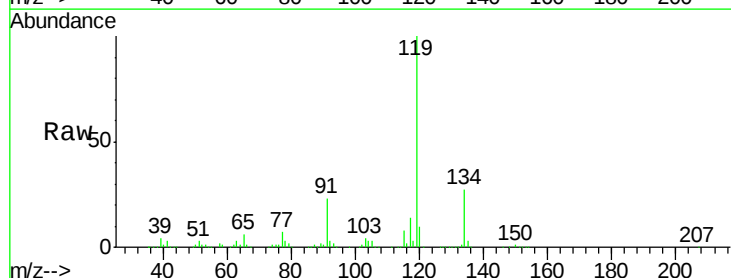
Manual Integrations
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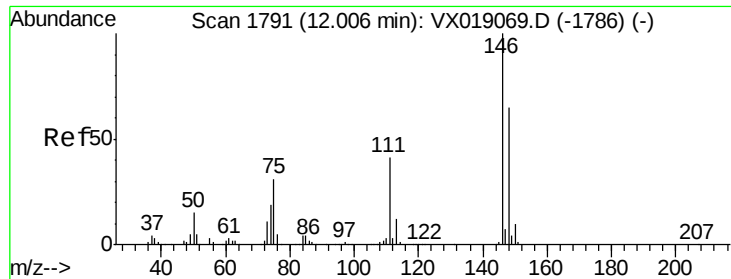
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#82
 p-Isopropyltoluene
 Concen: 19.075 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	205977		
134	27.0	0.0	52.0	
91	22.6	0.0	45.6	





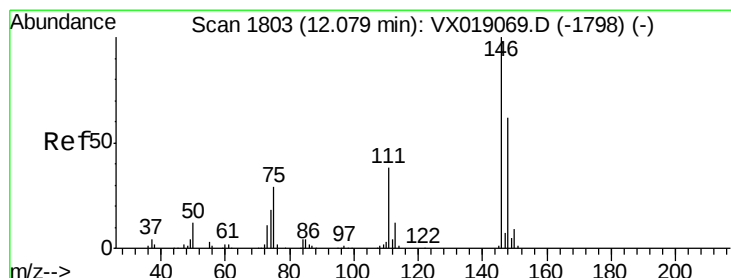
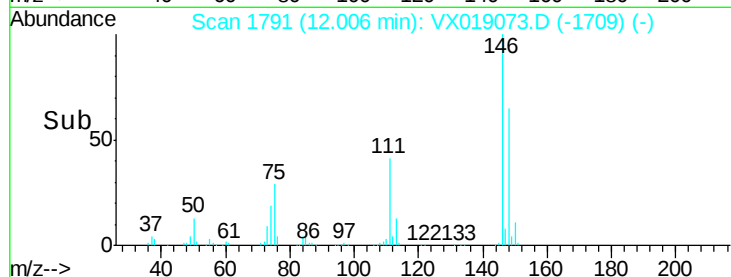
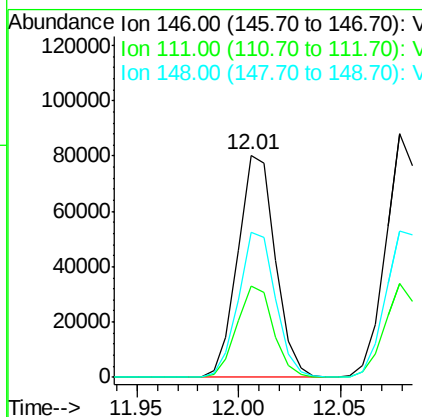
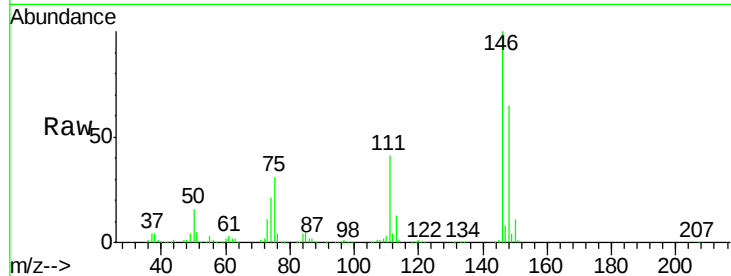
#83
 1,3-Dichlorobenzene
 Concen: 18.952 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102320

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	64.4	32.2	96.6

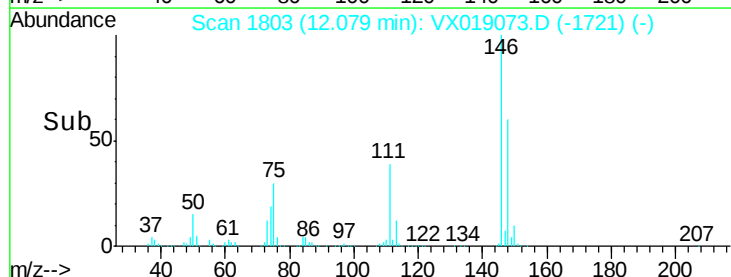
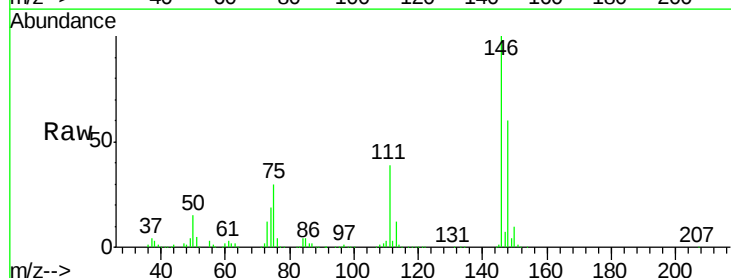
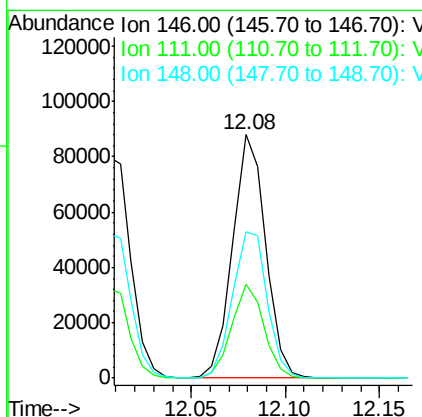
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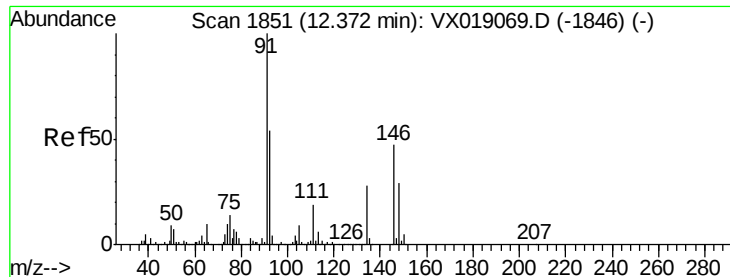
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#84
 1,4-Dichlorobenzene
 Concen: 19.528 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.7
148	63.3	31.6	95.0





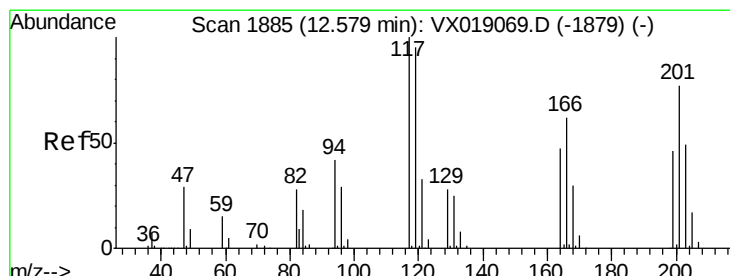
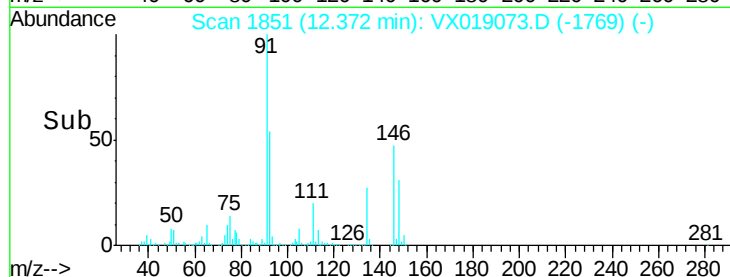
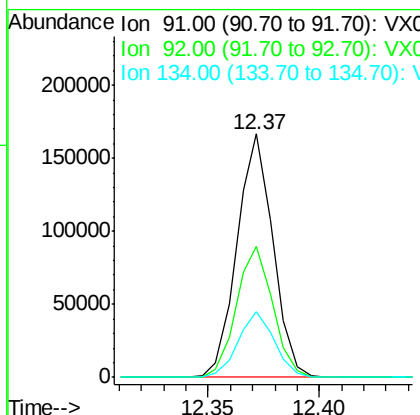
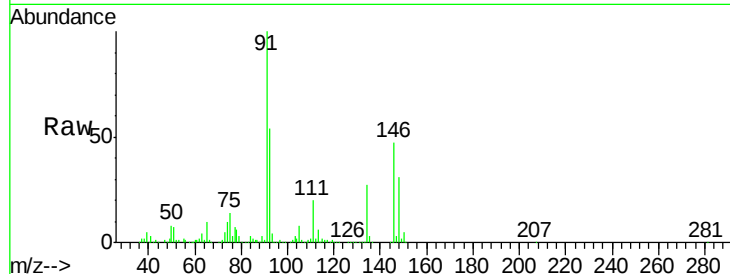
#85
n-Butylbenzene
Concen: 19.369 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

Tot Ion	Ratio	Resp	Lower	Upper
91	100	187277		
92	54.4	0.0	107.4	
134	27.2	0.0	54.6	

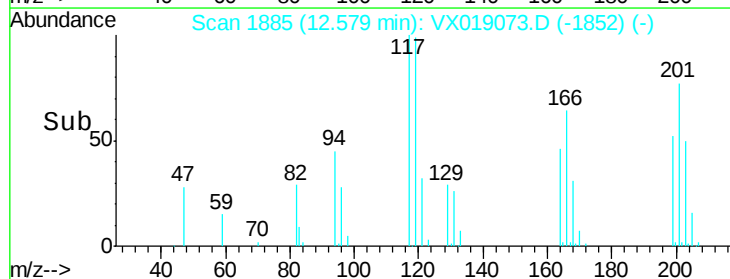
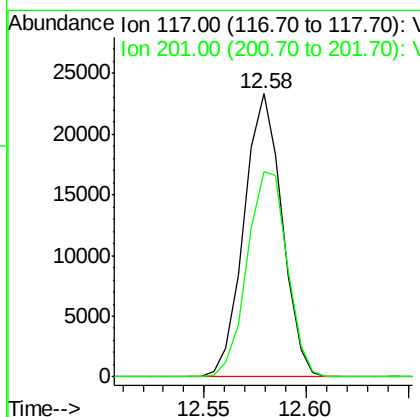
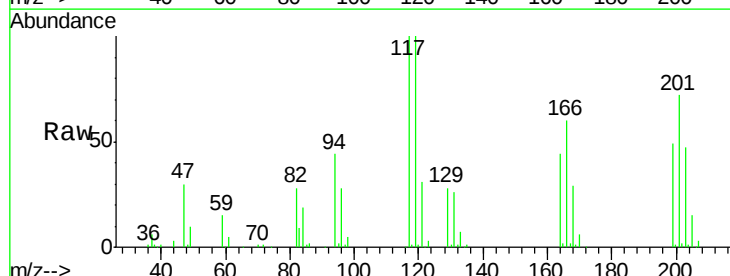
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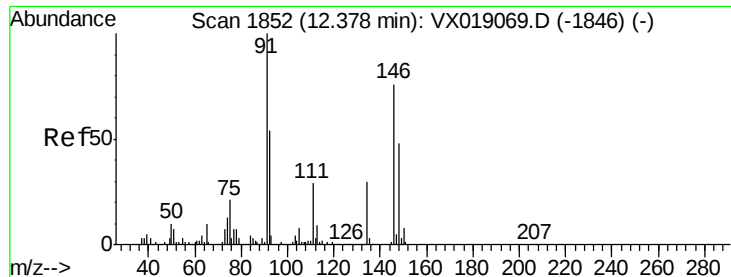
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#86
Hexachloroethane
Concen: 18.266 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	30295		
201	76.5	38.4	115.1	





#87

1,2-Dichlorobenzene

Concen: 19.562 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

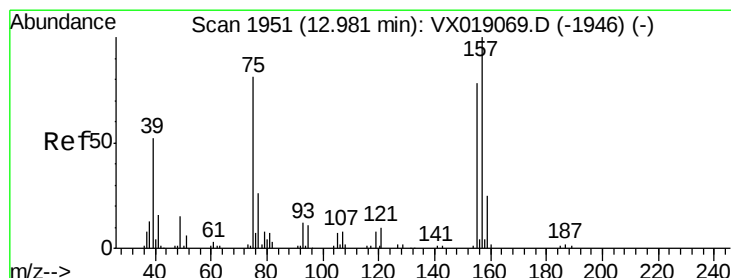
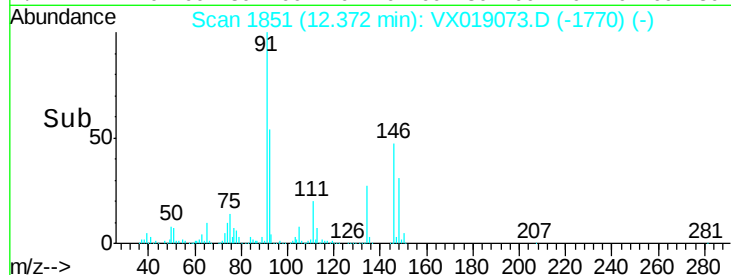
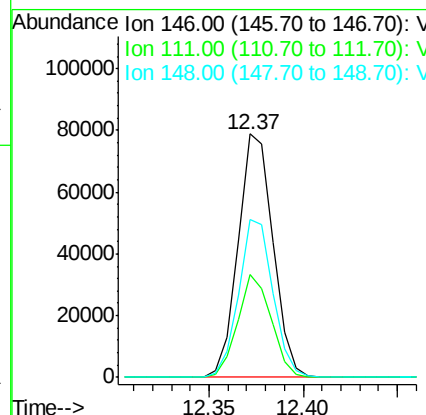
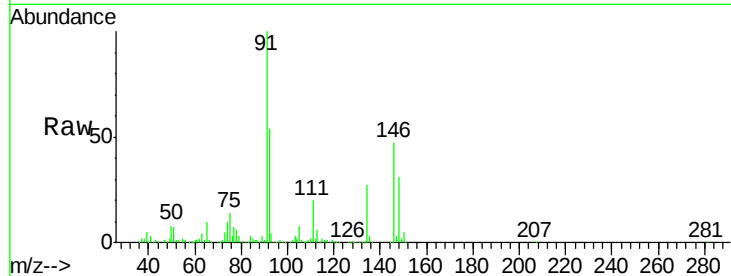
ClientSampled :

ICVVX102320

Tot Ion:	146	Resp:	101372
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.3	61.0
148	63.9	32.1	96.5

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.830 ug/l

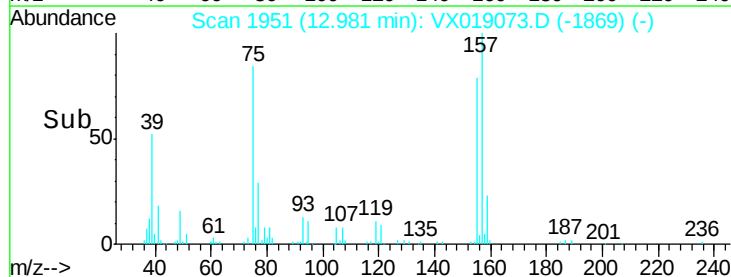
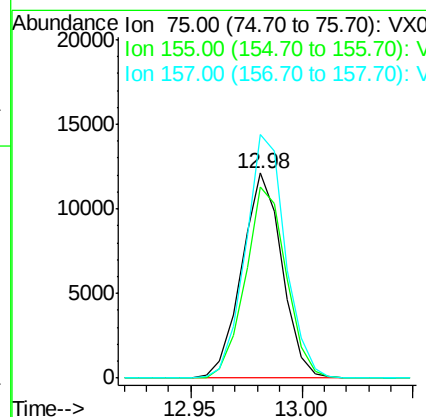
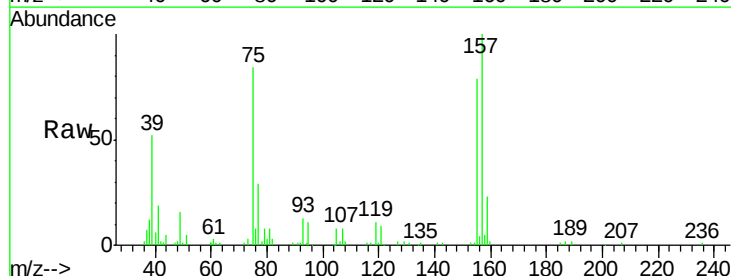
RT: 12.98 min Scan# 1951

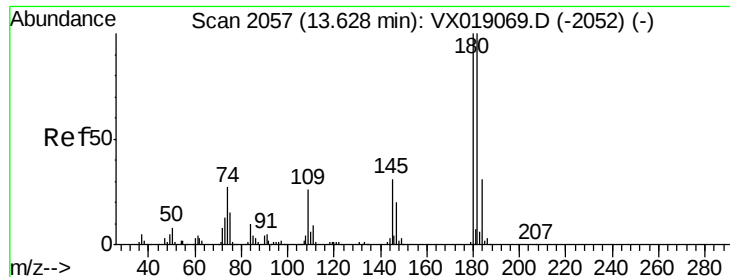
Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Tgt Ion:	75	Resp:	15247
Ion Ratio	Lower	Upper	
75	100		
155	94.7	73.7	110.5
157	118.4	96.5	144.7





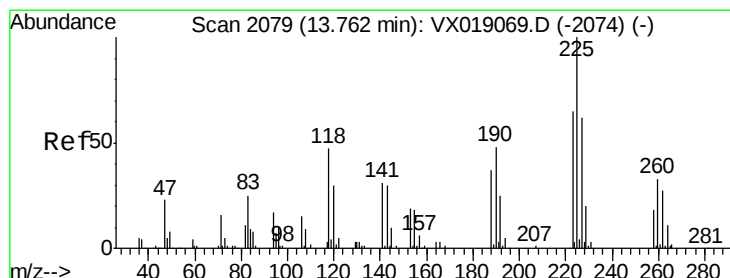
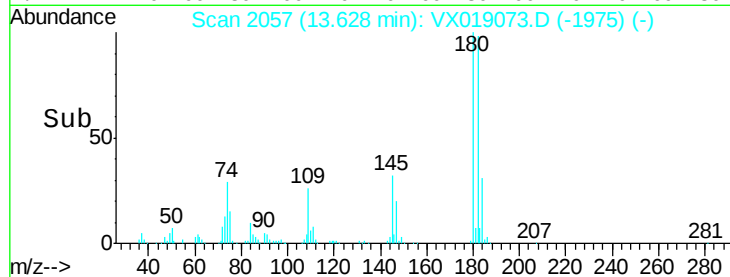
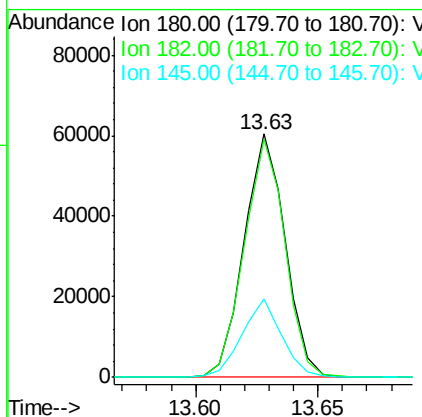
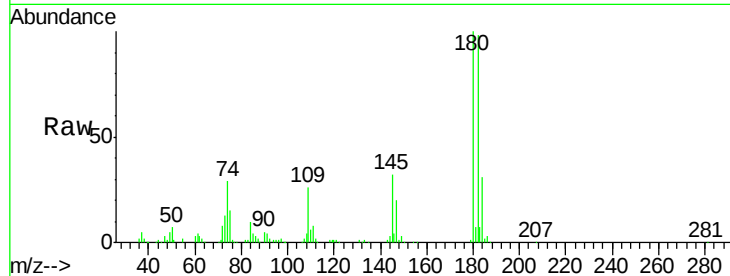
#89
 1,2,4-Trichlorobenzene
 Concen: 18.947 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102320

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.5	114.7
145	31.2	24.2	36.4

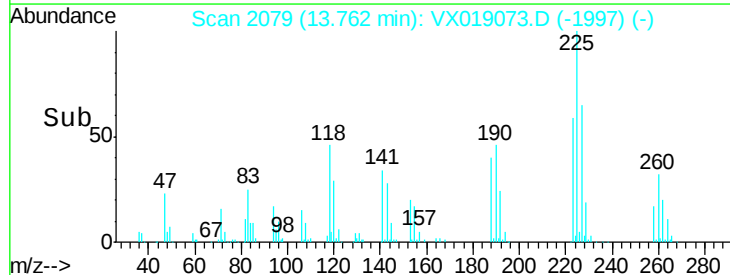
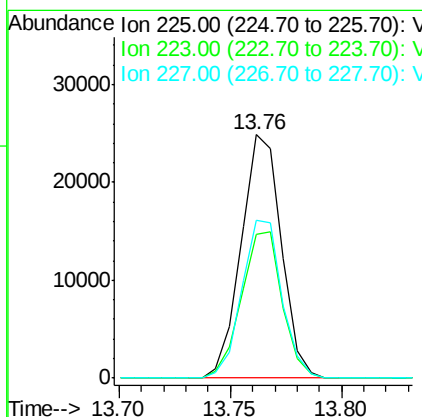
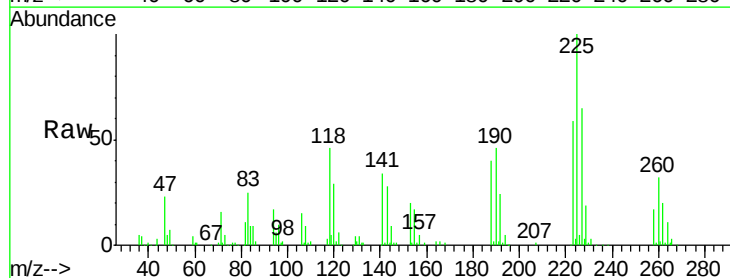
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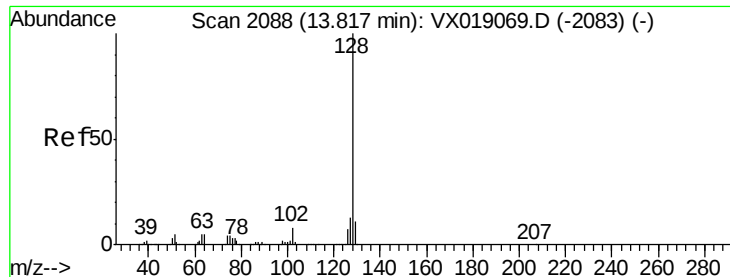
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#90
 Hexachlorobutadiene
 Concen: 19.842 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	0.0	130.0
227	64.7	0.0	128.6





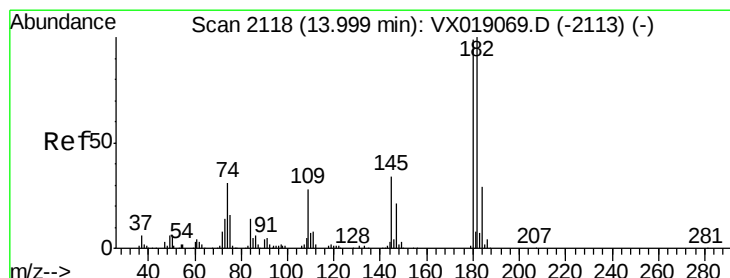
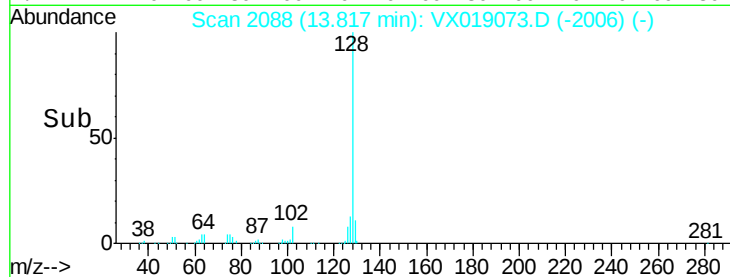
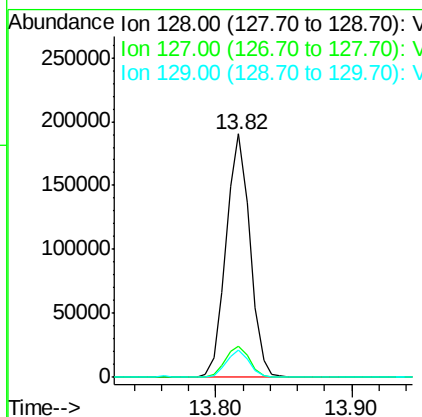
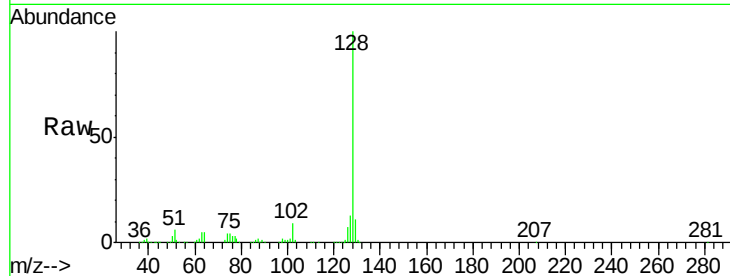
#91
Naphthalene
Concen: 19.002 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	11.0	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.522 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	0.0	192.4
145	34.4	0.0	64.6

