

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051820\
 Data File : VN061467.D
 Acq On : 19 May 2020 8:06
 Operator : JC/MD
 Sample : L2645-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.995	60	69	86	rBV	1509597	2329442	2.41%	0.227%
2	2.156	105	119	138	rBV	9483039	16615326	17.22%	1.621%
3	2.246	140	147	169	rVV	940442	1645344	1.71%	0.161%
4	2.352	172	180	207	rVB	719120	1255734	1.30%	0.123%
5	2.629	254	266	292	rVB	930487	1755188	1.82%	0.171%
6	2.773	293	311	351	rBV	20189504	50044669	51.86%	4.882%
7	3.024	375	389	400	rBV	1599223	3242467	3.36%	0.316%
8	3.101	400	413	450	rVB2	7140954	16919630	17.53%	1.651%
9	3.285	452	470	493	rBV	6074071	13355924	13.84%	1.303%
10	3.439	497	518	531	rVV	3092522	7266901	7.53%	0.709%
11	3.526	531	545	579	rVB	4548484	11114675	11.52%	1.084%
12	3.764	596	619	662	rVB4	466676	1525156	1.58%	0.149%
13	4.381	777	811	827	rBV2	1634962	5513832	5.71%	0.538%
14	4.487	828	844	847	rBV	1046070	2397714	2.48%	0.234%
15	4.998	965	1003	1039	rBV3	2690980	9999592	10.36%	0.976%
16	5.333	1079	1107	1139	rBV5	466467	2025782	2.10%	0.198%
17	5.519	1141	1165	1195	rBV	1194010	3754486	3.89%	0.366%
18	5.693	1195	1219	1234	rBV3	627127	1942317	2.01%	0.189%
19	5.812	1235	1256	1265	rBV	1065904	3424745	3.55%	0.334%
20	5.876	1268	1276	1299	rVB	1551226	4328546	4.49%	0.422%
21	6.021	1300	1321	1335	rBV	945289	3010497	3.12%	0.294%
22	6.114	1336	1350	1357	rBV2	722252	2035339	2.11%	0.199%
23	6.323	1397	1415	1446	rVB	1210015	3722725	3.86%	0.363%
24	6.580	1473	1495	1514	rBV	6317765	20005344	20.73%	1.952%
25	7.336	1698	1730	1753	rBV2	2387058	7522536	7.80%	0.734%
26	7.616	1796	1817	1833	rBV6	2417227	7179580	7.44%	0.700%
27	7.709	1839	1846	1868	rVB4	600289	1550226	1.61%	0.151%
28	7.838	1868	1886	1899	rBV	450559	1135318	1.18%	0.111%
29	8.005	1917	1938	1954	rBV	17425930	45708995	47.37%	4.459%
30	8.095	1955	1966	1974	rBV	1949387	4594808	4.76%	0.448%
31	8.265	2011	2019	2040	rVB3	477363	1160224	1.20%	0.113%
32	8.403	2041	2062	2088	rVB4	318316	1290325	1.34%	0.126%
33	8.548	2089	2107	2132	rBV3	1444484	4134841	4.28%	0.403%
34	9.011	2228	2251	2254	rBV3	1004495	1825614	1.89%	0.178%

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35	9.047	2257	2262	2276	rVB	1623653	2982639	3.09%	0.291%
36	9.583	2416	2429	2438	rBV	1239142	2453252	2.54%	0.239%
37	9.825	2489	2504	2508	rBV	696063	1248515	1.29%	0.122%
38	9.863	2508	2516	2529	rVB	2099731	3911301	4.05%	0.382%
39	9.940	2529	2540	2564	rVB2	590272	1397858	1.45%	0.136%
40	10.063	2564	2578	2585	rBV	1124625	2245112	2.33%	0.219%
41	10.130	2585	2599	2612	rBV	42719628	96498037	100.00%	9.414%
42	11.265	2935	2952	2974	rVB	1058191	2185128	2.26%	0.213%
43	11.397	2974	2993	3007	rBV2	1637659	4511140	4.67%	0.440%
44	11.490	3007	3022	3039	rBV	43984707	85318800	88.42%	8.324%
45	11.599	3039	3056	3058	rBV2	54936919	93410985	96.80%	9.113%
46	11.924	3133	3157	3174	rBV	42811299	79464355	82.35%	7.753%
47	12.223	3239	3250	3262	rVB	4063955	6521626	6.76%	0.636%
48	12.378	3285	3298	3319	rVB3	1380617	2594987	2.69%	0.253%
49	12.567	3343	3357	3366	rBV	9055452	15634316	16.20%	1.525%
50	12.632	3366	3377	3384	rBV	28206650	50259751	52.08%	4.903%
51	12.709	3394	3401	3422	rVB	15843322	26782961	27.75%	2.613%
52	12.866	3436	3450	3477	rVB	14610631	25923762	26.86%	2.529%
53	13.017	3480	3497	3510	rBV	49176934	86823951	89.97%	8.471%
54	13.143	3522	3536	3547	rVB3	662026	1742104	1.81%	0.170%
55	13.210	3547	3557	3566	rBV	935897	1447637	1.50%	0.141%
56	13.349	3581	3600	3627	rBV	16157577	30572723	31.68%	2.983%
57	13.519	3628	3653	3661	rBV	19580246	38581479	39.98%	3.764%
58	13.561	3661	3666	3684	rVB2	5924058	10359207	10.74%	1.011%
59	13.709	3700	3712	3723	rVB2	2243455	4793405	4.97%	0.468%
60	13.776	3723	3733	3739	rBV	3486097	6017868	6.24%	0.587%
61	13.863	3751	3760	3770	rVB	5663818	8684309	9.00%	0.847%
62	13.921	3770	3778	3784	rVV	932499	1364457	1.41%	0.133%
63	13.969	3784	3793	3809	rVB2	3448517	5635975	5.84%	0.550%
64	14.101	3824	3834	3845	rVB	1424282	2275958	2.36%	0.222%
65	14.185	3846	3860	3866	rBV	3274652	5319492	5.51%	0.519%
66	14.223	3866	3872	3882	rVB	4045722	6116847	6.34%	0.597%
67	14.451	3933	3943	3953	rBV	3942658	6072618	6.29%	0.592%
68	14.567	3965	3979	3991	rBV3	6747729	12985899	13.46%	1.267%
69	14.632	3991	3999	4010	rVV2	721284	1215570	1.26%	0.119%
70	14.715	4014	4025	4040	rVV	1485985	2479152	2.57%	0.242%
71	14.828	4041	4060	4079	rVV5	603965	1883969	1.95%	0.184%

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72	14.931	4080	4092	4106	rVB3	478219	995534	1.03%	0.097%
73	15.104	4128	4146	4160	rBV	9385426	17481253	18.12%	1.705%
74	16.123	4450	4463	4485	rVB	1124060	2283883	2.37%	0.223%
75	16.313	4507	4522	4539	rVB	562122	1201900	1.25%	0.117%

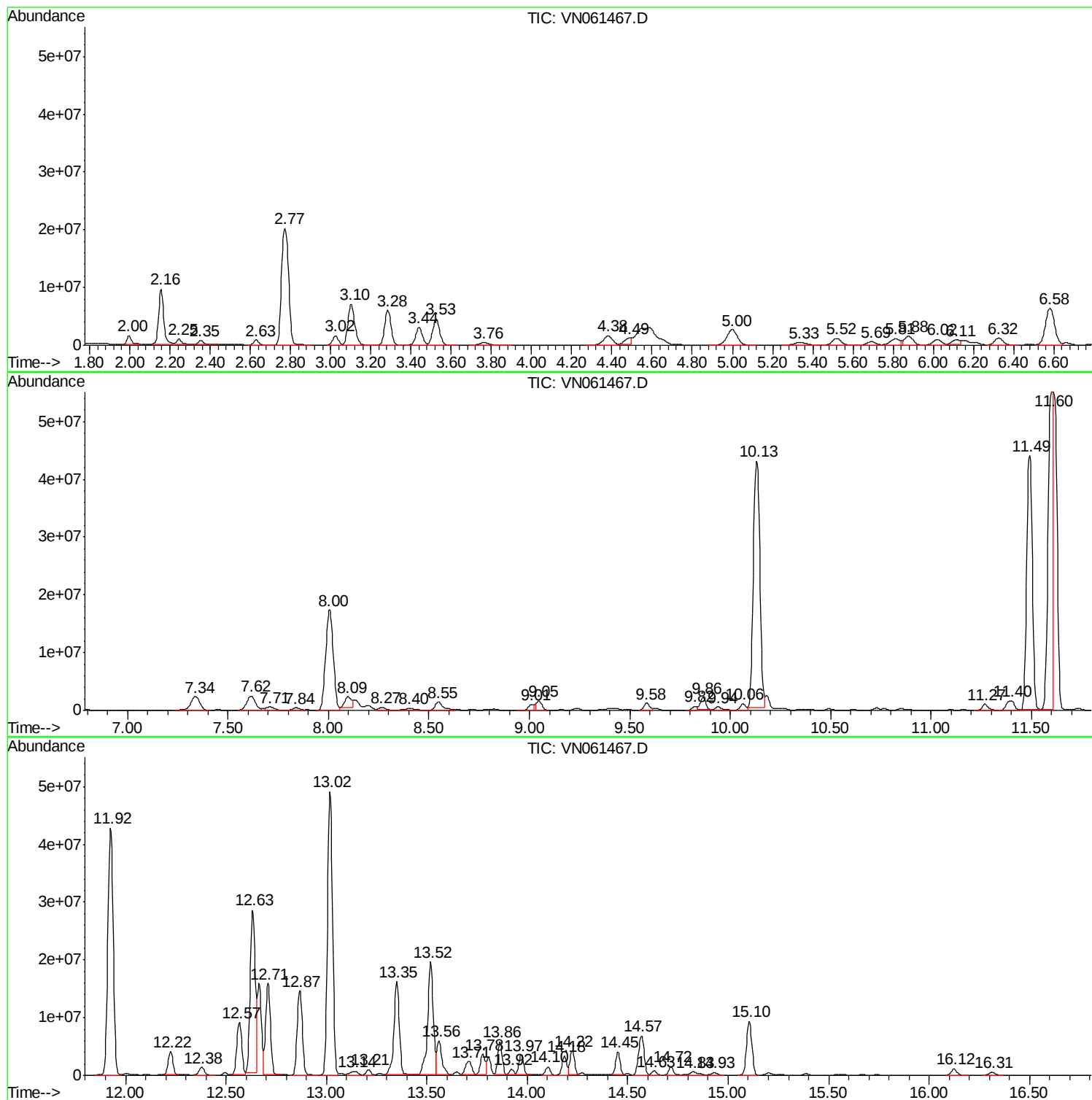
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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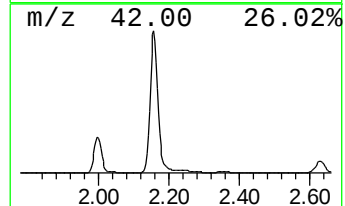
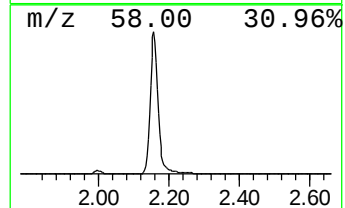
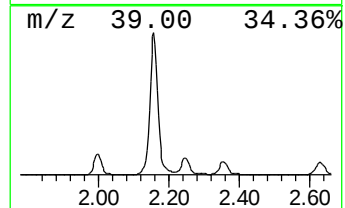
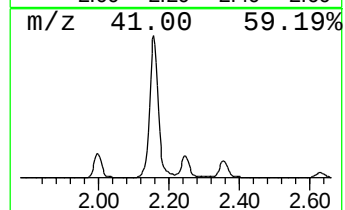
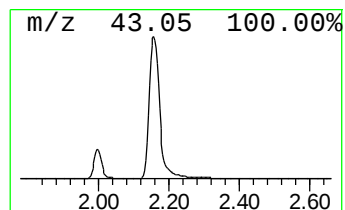
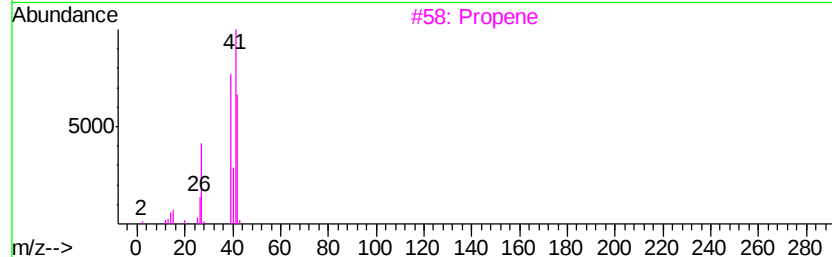
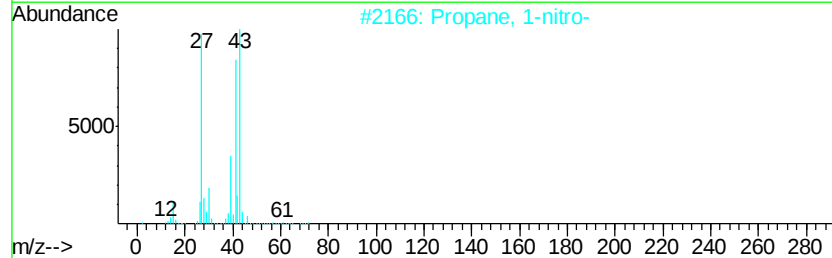
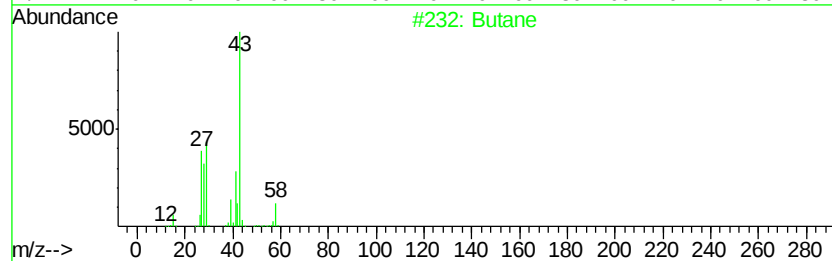
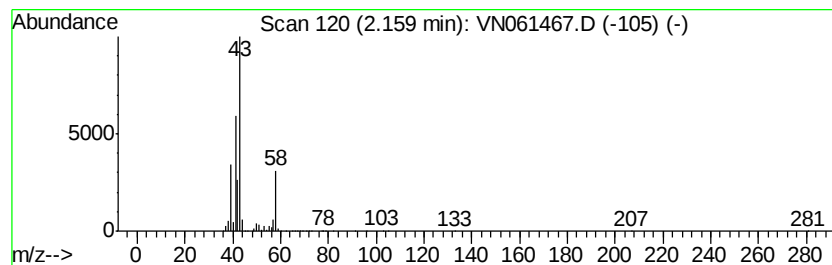
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown2.16 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	115.71 ug/l	16615300	Pentafluorobenzene	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane	58	C4H10	000106-97-8	47
2		Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9
3		Propene	42	C3H6	000115-07-1	7
4		Acetone	58	C3H6O	000067-64-1	5
5		Diazene, dimethyl-	58	C2H6N2	000503-28-6	5



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ALS Vial : 47 Sample Multiplier: 1

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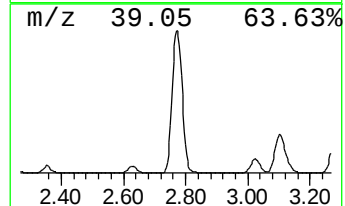
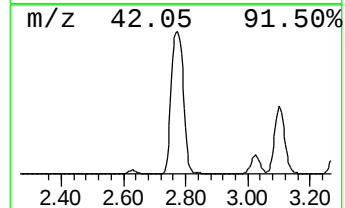
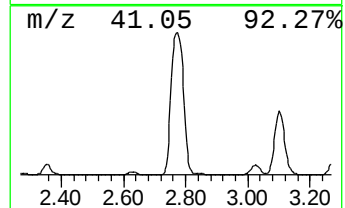
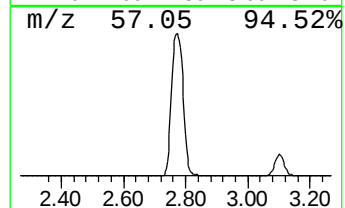
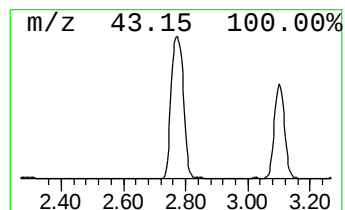
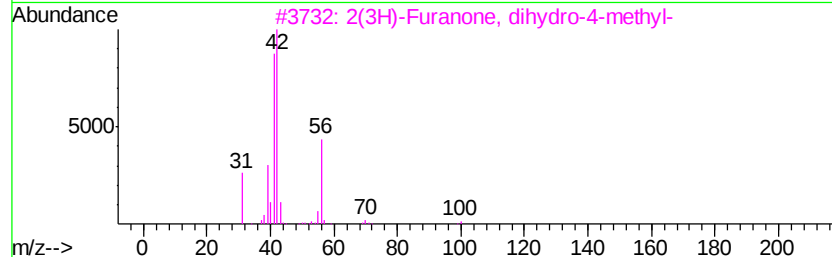
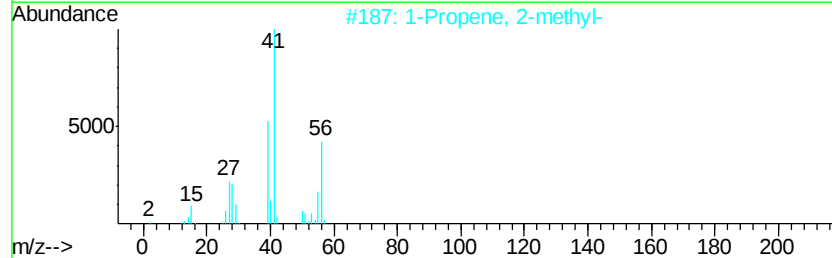
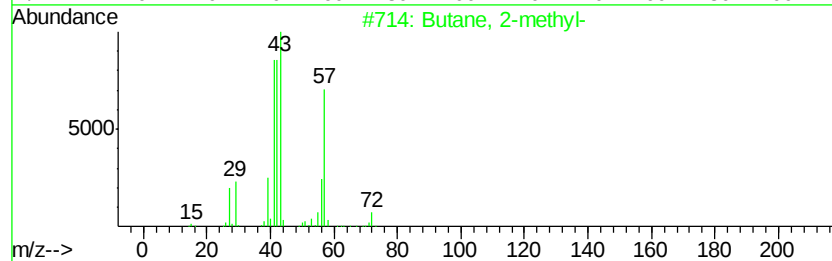
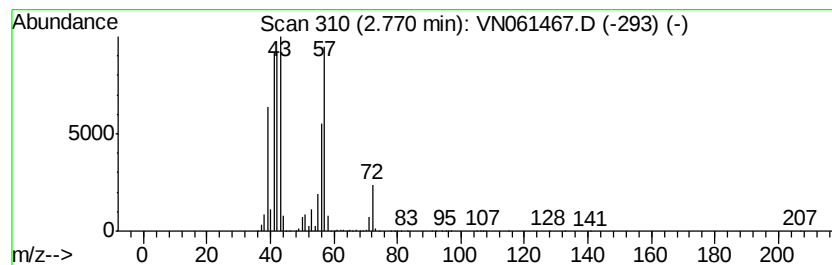
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown2.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	348.52 ug/l	50044700	Pentafluorobenzene	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	38
2		1-Propene, 2-methyl-	56	C4H8	000115-11-7	38
3		2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	38
4		Pentane	72	C5H12	000109-66-0	37
5		Tetrahydrofuran	72	C4H8O	000109-99-9	35



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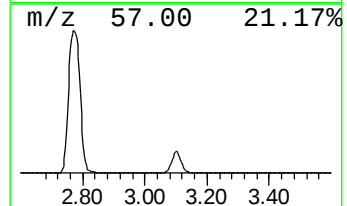
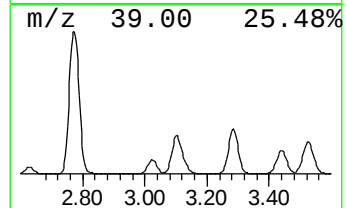
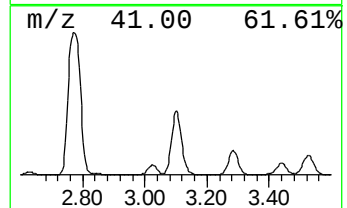
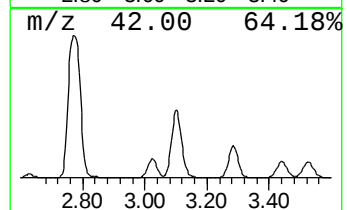
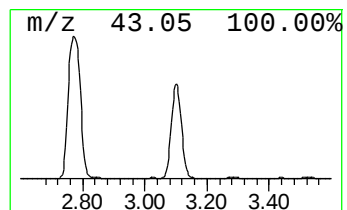
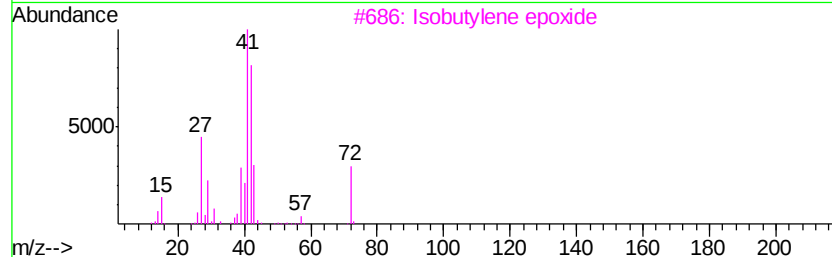
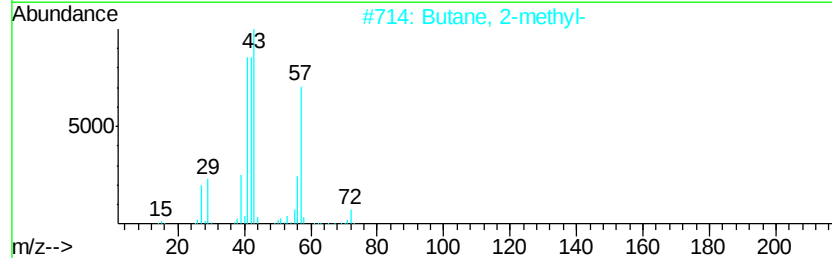
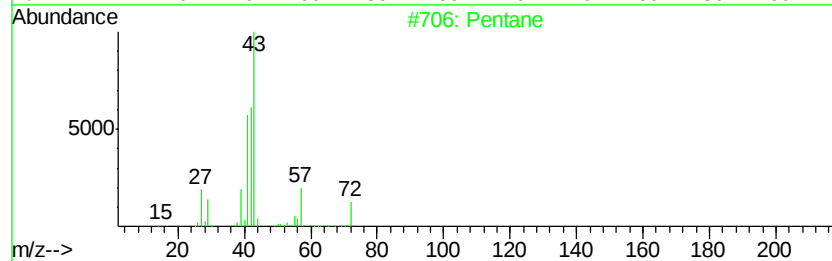
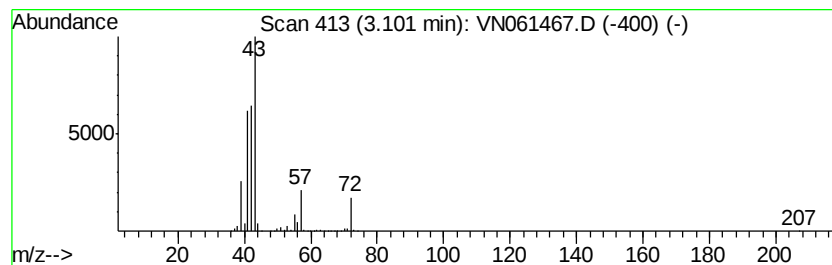
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	117.83 ug/l	16919600	Pentafluorobenzene	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	91
2		Butane, 2-methyl-	72	C5H12	000078-78-4	50
3		Isobutylene epoxide	72	C4H8O	000558-30-5	47
4		Diaziridine, 3,3-dimethyl-	72	C3H8N2	004901-76-2	47
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	40



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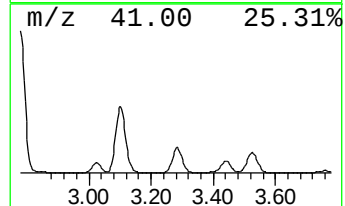
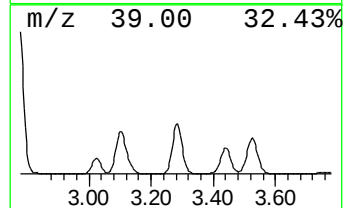
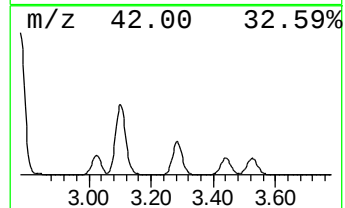
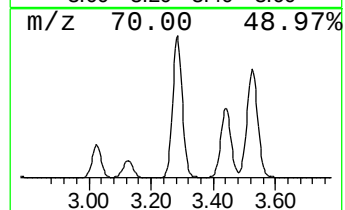
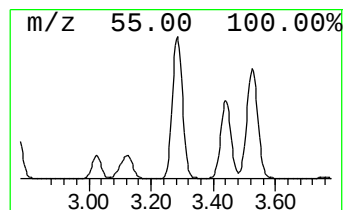
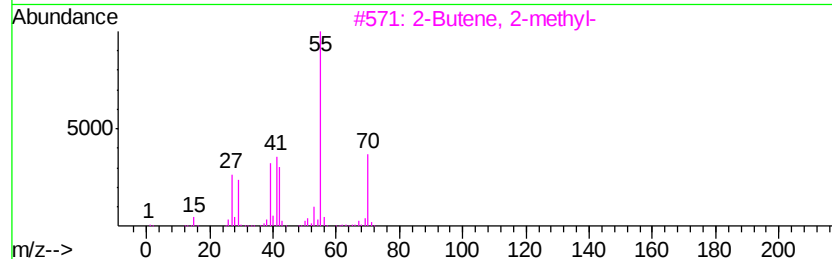
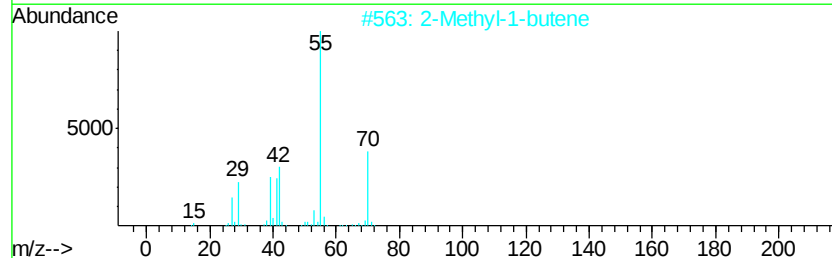
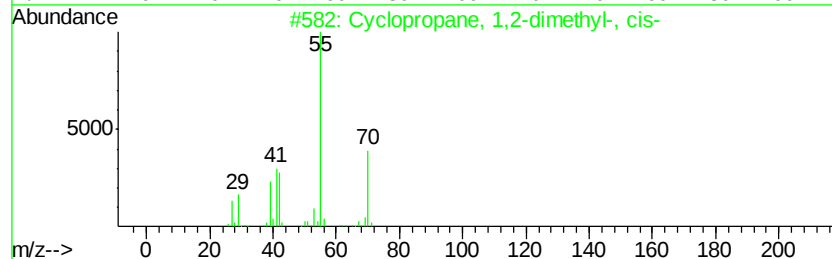
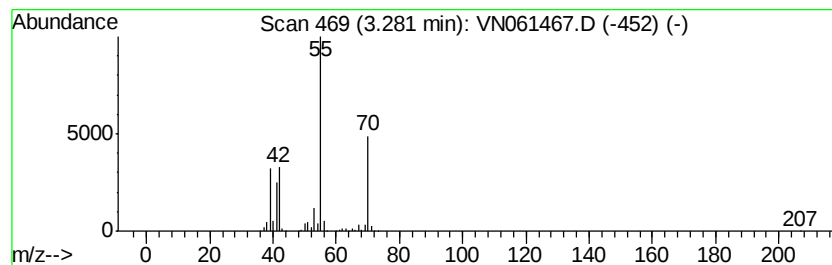
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclopropane, 1,2-dimethyl-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	93.01 ug/l	13355900	Pentafluorobenzene	7.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
2		2-Methyl-1-butene	70	C5H10	000563-46-2	90
3		2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
4		Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
5		2-Pentene, (E)-	70	C5H10	000646-04-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051820\
Data File : VN061467.D
Acq On : 19 May 2020 8:06
Operator : JC/MD
Sample : L2645-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
MW-2

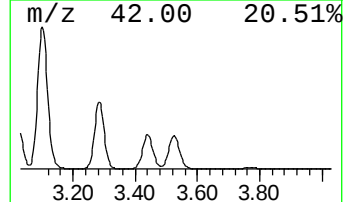
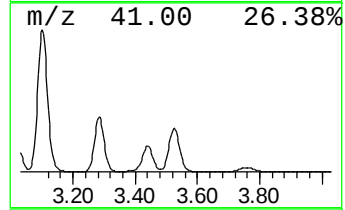
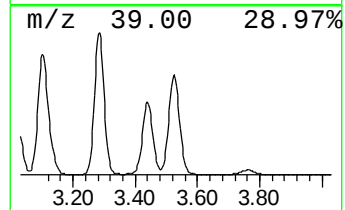
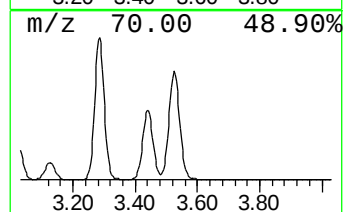
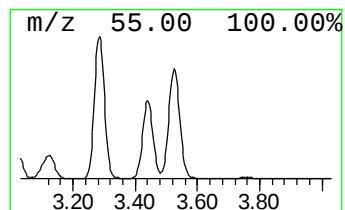
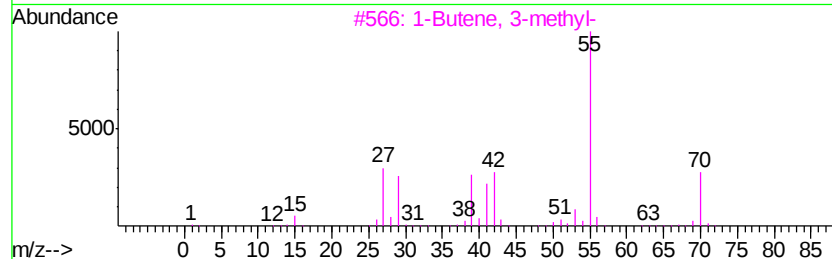
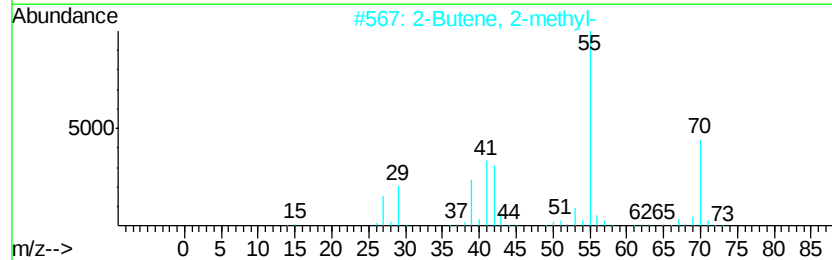
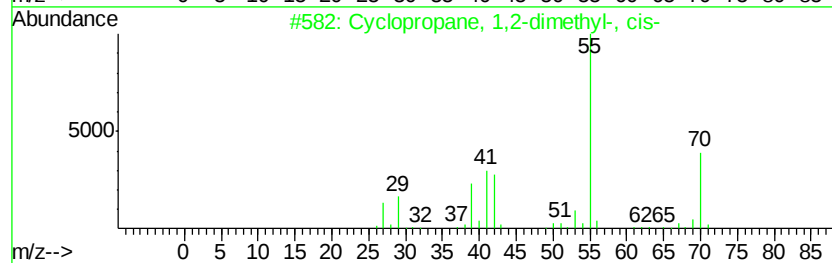
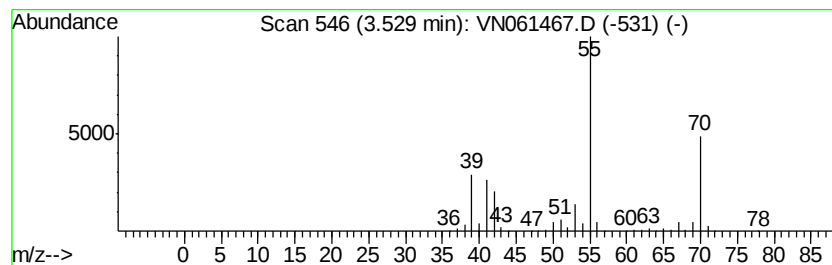
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Butene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	77.40 ug/l	11114700	Pentafluorobenzene	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
2		2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
3		1-Butene, 3-methyl-	70	C5H10	000563-45-1	86
4		Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83
5		Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051820\
Data File : VN061467.D
Acq On : 19 May 2020 8:06
Operator : JC/MD
Sample : L2645-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

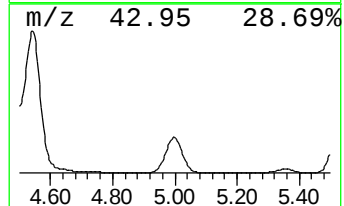
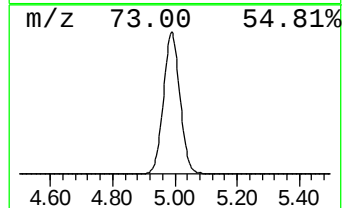
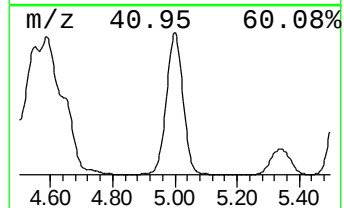
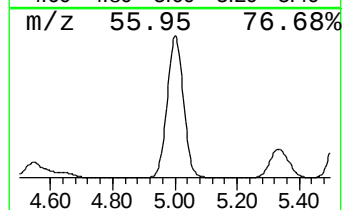
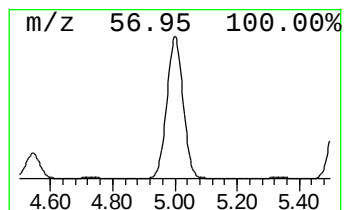
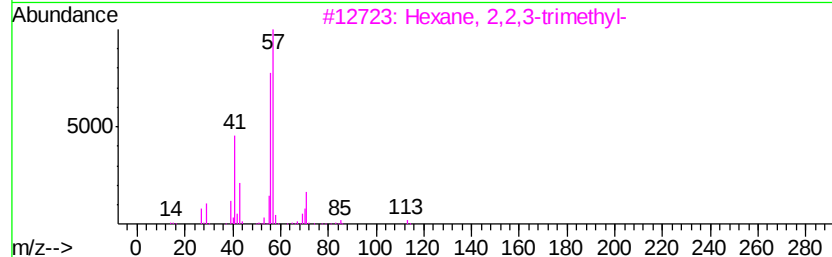
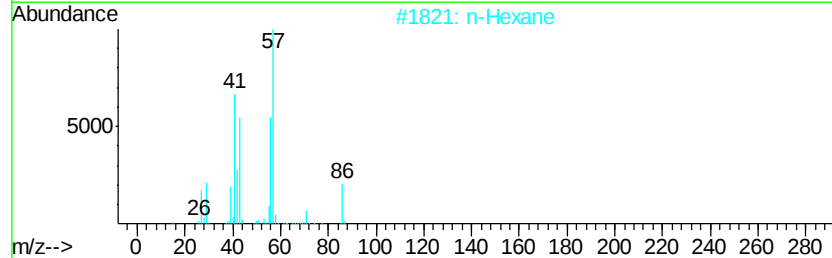
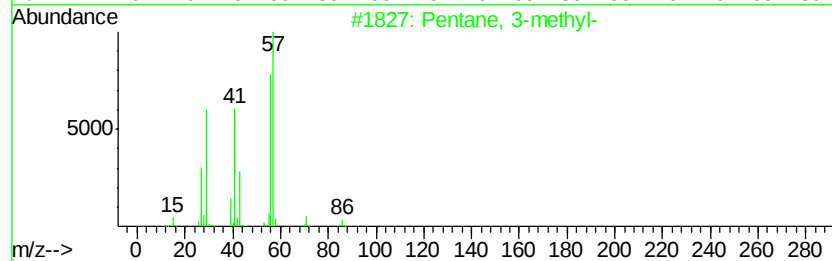
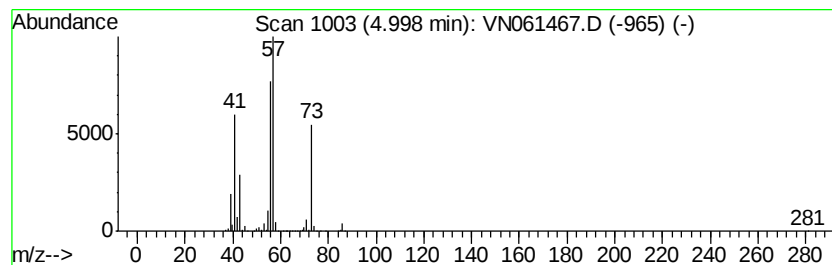
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Pentane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	69.64 ug/l	9999590	Pentafluorobenzene	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
2		n-Hexane	86	C6H14	000110-54-3	72
3		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	56
4		3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	40
5		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051820\
Data File : VN061467.D
Acq On : 19 May 2020 8:06
Operator : JC/MD
Sample : L2645-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

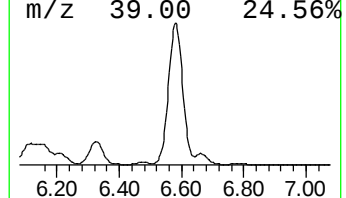
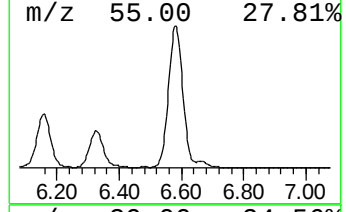
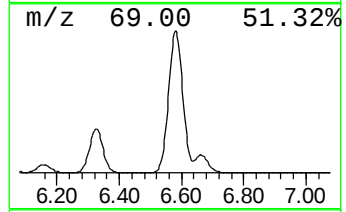
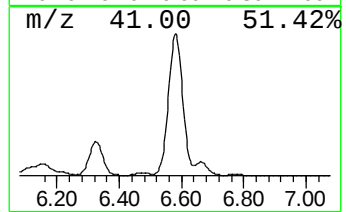
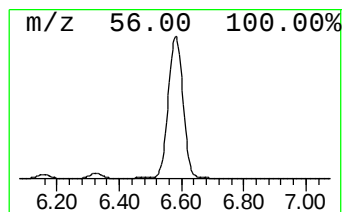
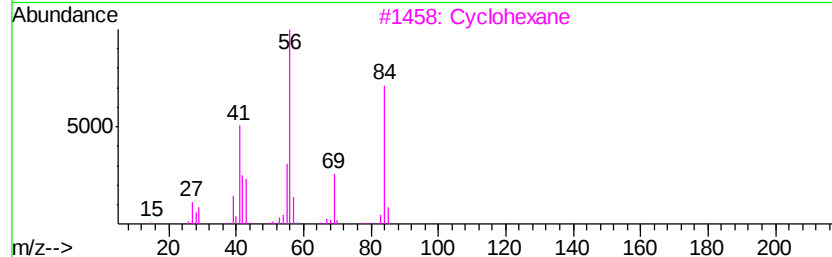
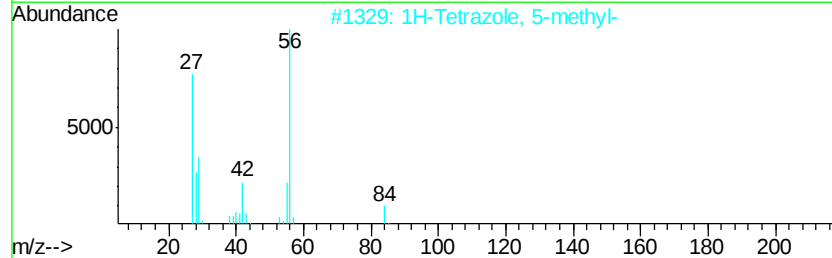
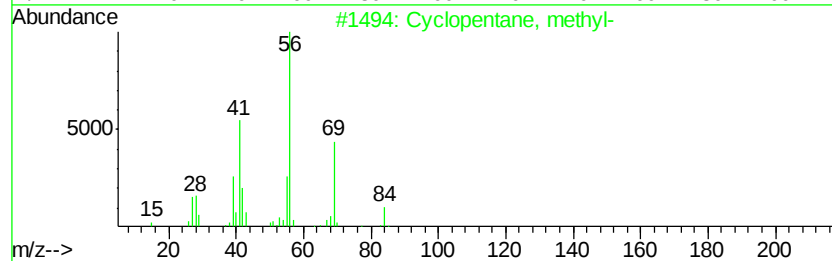
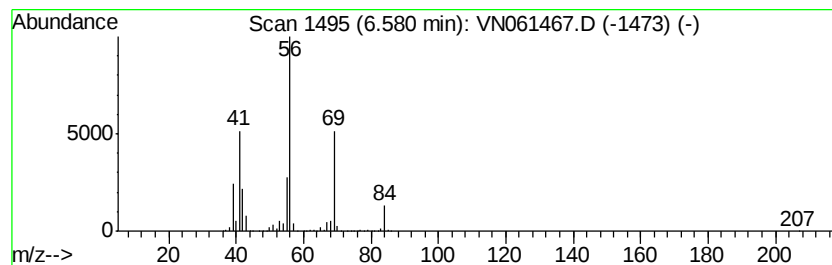
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	139.32 ug/l	20005300	Pentafluorobenzene	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
3		Cyclohexane	84	C6H12	000110-82-7	78
4		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
5		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051820\
Data File : VN061467.D
Acq On : 19 May 2020 8:06
Operator : JC/MD
Sample : L2645-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

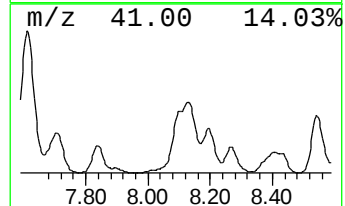
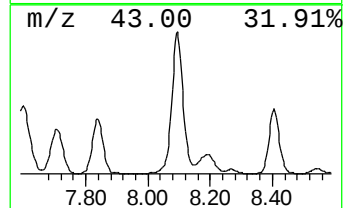
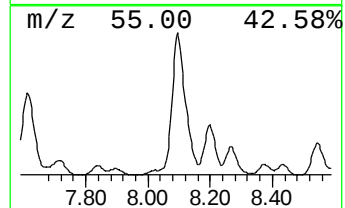
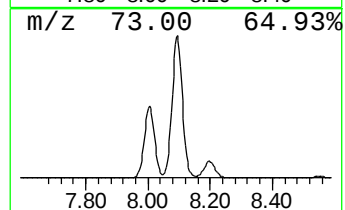
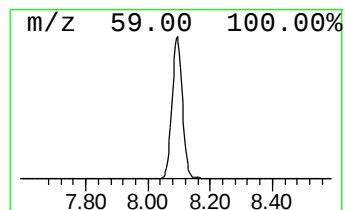
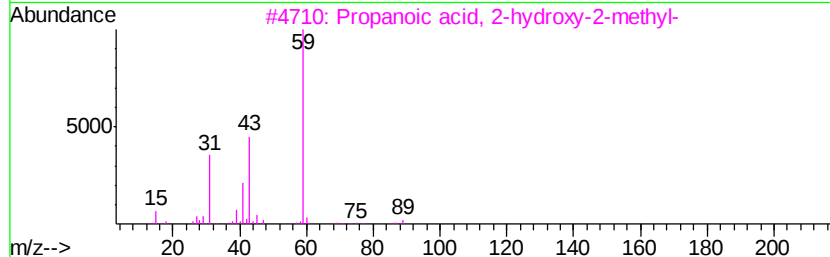
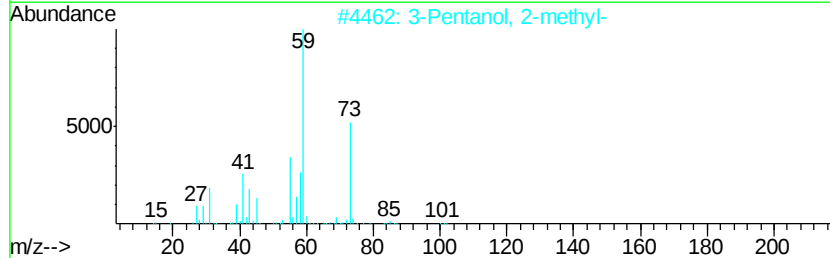
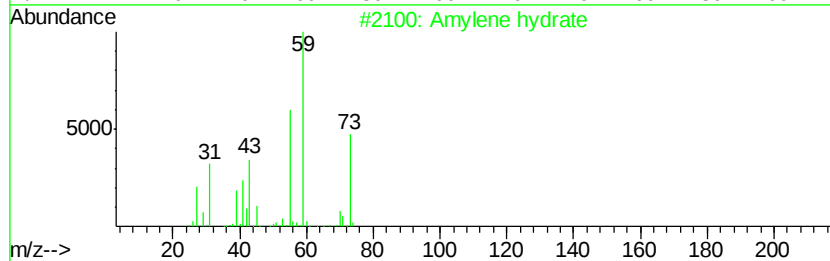
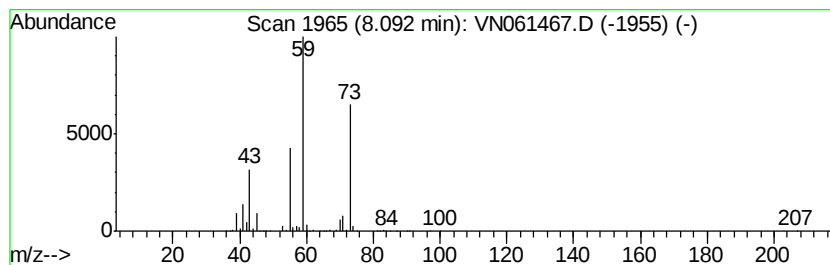
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Amylene hydrate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	55.56 ug/l	4594810	1,4-Difluorobenzene	8.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Amylene hydrate	88	C5H12O	000075-85-4	83
2		3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	39
3		Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	33
4		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
5		Silane, trimethyl-	74	C3H10Si	000993-07-7	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051820\
Data File : VN061467.D
Acq On : 19 May 2020 8:06
Operator : JC/MD
Sample : L2645-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
MW-2

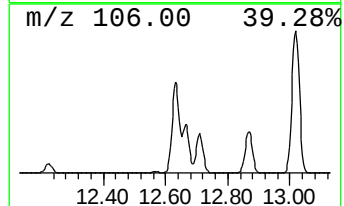
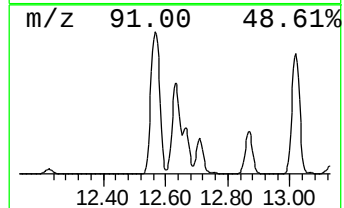
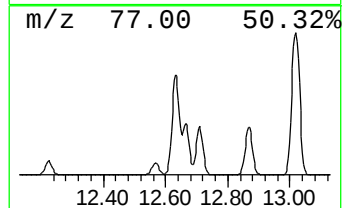
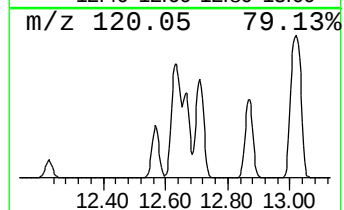
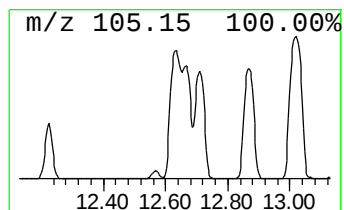
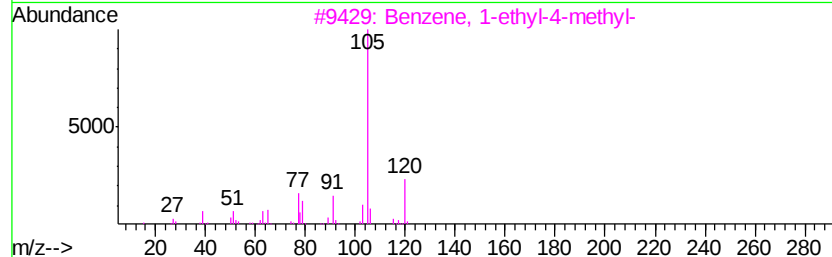
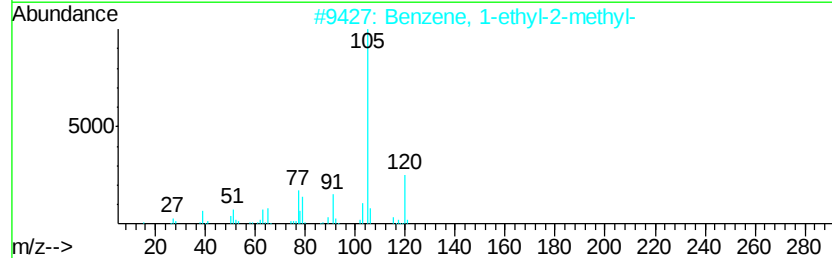
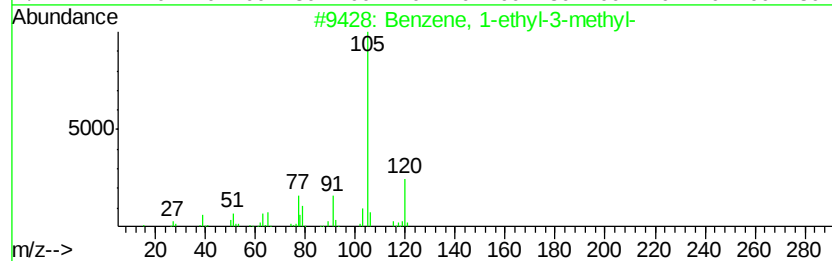
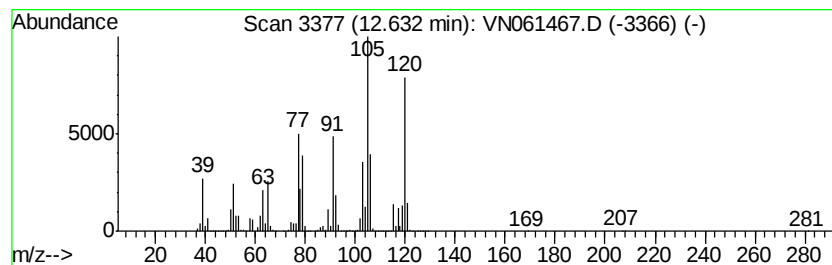
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	82.20 ug/l	50259800	1,4-Dichlorobenzene-d4	13.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
4		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	74
5		Mesitylene	120	C9H12	000108-67-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051820\
Data File : VN061467.D
Acq On : 19 May 2020 8:06
Operator : JC/MD
Sample : L2645-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
MW-2

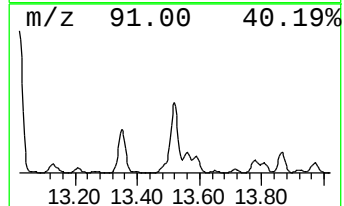
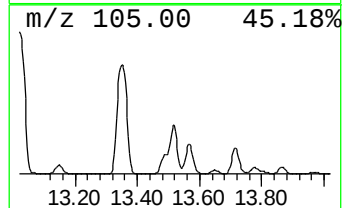
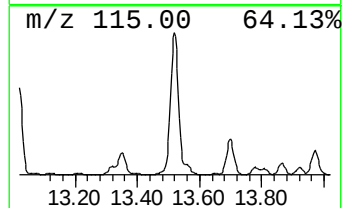
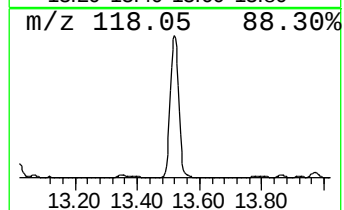
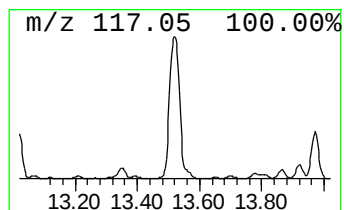
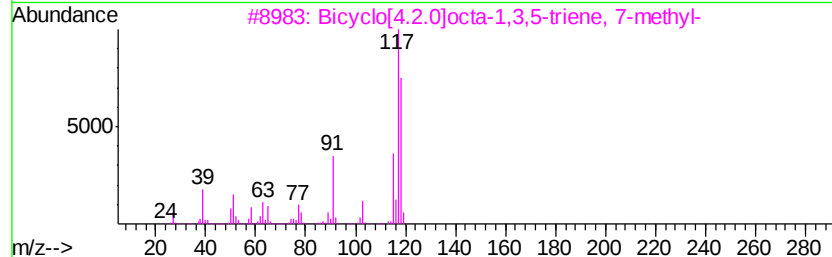
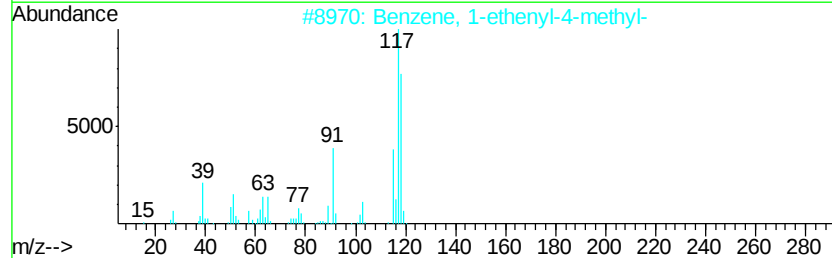
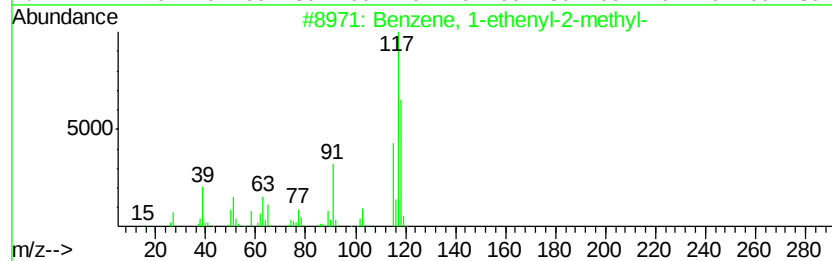
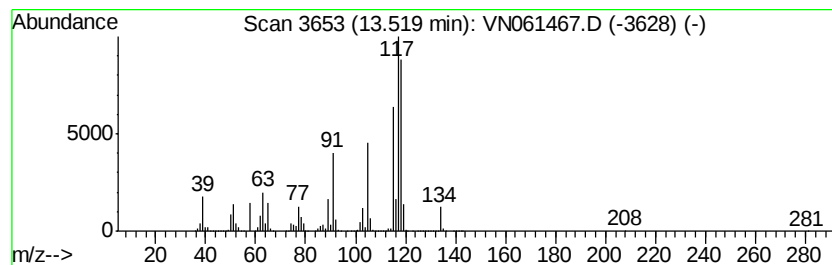
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1-ethenyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	63.10 ug/l	38581500	1,4-Dichlorobenzene-d4	13.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	96
2		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	96
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	94
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	94
5		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051820\
Data File : VN061467.D
Acq On : 19 May 2020 8:06
Operator : JC/MD
Sample : L2645-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown2.16	2.16	115.7	ug/l	16615300	1	7.63	7179580	50.0
unknown2.77	2.77	348.5	ug/l	50044700	1	7.63	7179580	50.0
Pentane	3.10	117.8	ug/l	16919600	1	7.63	7179580	50.0
Cyclopropane, 1,2...	3.28	93.0	ug/l	13355900	1	7.63	7179580	50.0
2-Butene, 2-methyl-	3.53	77.4	ug/l	11114700	1	7.63	7179580	50.0
Pentane, 3-methyl-	5.00	69.6	ug/l	9999590	1	7.63	7179580	50.0
Cyclopentane, met...	6.58	139.3	ug/l	20005300	1	7.63	7179580	50.0
Amylene hydrate	8.09	55.6	ug/l	4594810	2	8.55	4134840	50.0
Benzene, 1-ethyl-...	12.63	82.2	ug/l	50259800	4	13.32	30572700	50.0
Benzene, 1-etheny...	13.52	63.1	ug/l	38581500	4	13.32	30572700	50.0