

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008615.D
 Acq On : 04 May 2022 16:23
 Operator : KP/MD
 Sample : N2619-08
 Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB04-14-15-FT

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Title : SW846 8260

Signal : TIC: VY008615.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.906	170	178	189	rBV	32531	72253	10.42%	0.989%
2	3.942	336	348	360	rBV3	15400	50002	7.21%	0.684%
3	4.198	378	390	403	rBV2	4084	13051	1.88%	0.179%
4	4.704	458	473	480	rBV5	46168	183619	26.49%	2.512%
5	5.241	548	561	579	rVB	41356	148635	21.44%	2.034%
6	5.753	635	645	654	rVB4	2711	8305	1.20%	0.114%
7	6.539	763	774	783	rBV8	3056	11105	1.60%	0.152%
8	6.685	789	798	806	rBV3	10468	33142	4.78%	0.453%
9	6.795	806	816	822	rVV3	21849	66943	9.66%	0.916%
10	6.874	822	829	838	rVV2	20390	56491	8.15%	0.773%
11	6.984	838	847	866	rVV	18499	65383	9.43%	0.895%
12	7.521	919	935	945	rVB	6511	27232	3.93%	0.373%
13	7.716	956	967	973	rBV	97698	237639	34.28%	3.251%
14	7.789	973	979	987	rVV	164479	370096	53.39%	5.064%
15	7.874	987	993	1003	rVB3	24570	61741	8.91%	0.845%
16	7.996	1003	1013	1019	rBV3	8262	19988	2.88%	0.273%
17	8.130	1019	1035	1052	rVV2	149755	518161	74.75%	7.090%
18	8.277	1052	1059	1064	rVV3	22219	57795	8.34%	0.791%
19	8.344	1064	1070	1077	rVV6	21103	61416	8.86%	0.840%
20	8.417	1077	1082	1090	rVB4	7685	17284	2.49%	0.236%
21	8.691	1119	1127	1138	rBV	252867	503472	72.63%	6.889%
22	8.929	1160	1166	1168	rBV4	6752	14139	2.04%	0.193%
23	8.966	1168	1172	1180	rVB	24273	49430	7.13%	0.676%
24	9.142	1194	1201	1204	rBV5	10077	20730	2.99%	0.284%
25	9.179	1205	1207	1214	rVB6	8454	17730	2.56%	0.243%
26	9.612	1273	1278	1285	rVB2	11871	21889	3.16%	0.299%
27	9.709	1287	1294	1296	rBV3	14078	24599	3.55%	0.337%
28	9.746	1296	1300	1306	rVB2	22612	45052	6.50%	0.616%
29	9.868	1316	1320	1326	rVB2	5246	9635	1.39%	0.132%
30	10.057	1346	1351	1356	rBV3	12823	23318	3.36%	0.319%
31	10.179	1364	1371	1385	rVB	403141	693182	100.00%	9.484%
32	10.380	1399	1404	1410	rVB3	5442	11198	1.62%	0.153%
33	10.581	1431	1437	1450	rVB2	40229	109554	15.80%	1.499%
34	10.880	1479	1486	1489	rBV2	5016	9062	1.31%	0.124%
35	10.947	1489	1497	1504	rBV	75460	140985	20.34%	1.929%
36	11.319	1553	1558	1567	rVB	20814	32898	4.75%	0.450%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008615.D
 Acq On : 04 May 2022 16:23
 Operator : KP/MD
 Sample : N2619-08
 Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB04-14-15-FT

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Title : SW846 8260

37	11.489	1578	1586	1594	rBV	392370	643199	92.79%	8.800%
38	11.593	1599	1603	1611	rVB4	5305	10004	1.44%	0.137%
39	12.331	1716	1724	1732	rBV	98364	150741	21.75%	2.062%
40	12.483	1739	1749	1759	rVB2	340353	545659	78.72%	7.466%
41	12.672	1774	1780	1787	rVB	167685	247531	35.71%	3.387%
42	12.825	1799	1805	1811	rVB5	4811	10374	1.50%	0.142%
43	12.971	1824	1829	1836	rBV	12865	20050	2.89%	0.274%
44	13.251	1867	1875	1884	rBV2	27646	70288	10.14%	0.962%
45	13.428	1896	1904	1910	rBV	411377	641827	92.59%	8.782%
46	13.483	1910	1913	1917	rVV3	5360	9564	1.38%	0.131%
47	13.593	1926	1931	1933	rBV	59065	81722	11.79%	1.118%
48	13.629	1933	1937	1942	rVV	131225	211054	30.45%	2.888%
49	13.672	1942	1944	1954	rVV2	23821	41032	5.92%	0.561%
50	13.757	1954	1958	1964	rVV	13952	21491	3.10%	0.294%
51	13.824	1964	1969	1975	rVB	41053	60831	8.78%	0.832%
52	13.885	1975	1979	1984	rBV2	5263	7894	1.14%	0.108%
53	13.971	1987	1993	1999	rBV	108915	165225	23.84%	2.261%
54	14.032	1999	2003	2006	rVV2	19270	28090	4.05%	0.384%
55	14.080	2006	2011	2019	rVB2	98003	153157	22.09%	2.096%
56	14.300	2040	2047	2051	rBV	57620	87065	12.56%	1.191%
57	14.337	2051	2053	2057	rVB2	7655	8799	1.27%	0.120%
58	14.568	2085	2091	2096	rBV	44349	66047	9.53%	0.904%
59	14.690	2103	2111	2117	rBV2	104877	184700	26.65%	2.527%
60	14.836	2130	2135	2142	rBV3	6844	10989	1.59%	0.150%
61	14.946	2145	2153	2157	rBV4	5889	10934	1.58%	0.150%
62	15.056	2163	2171	2177	rVB3	6221	13374	1.93%	0.183%

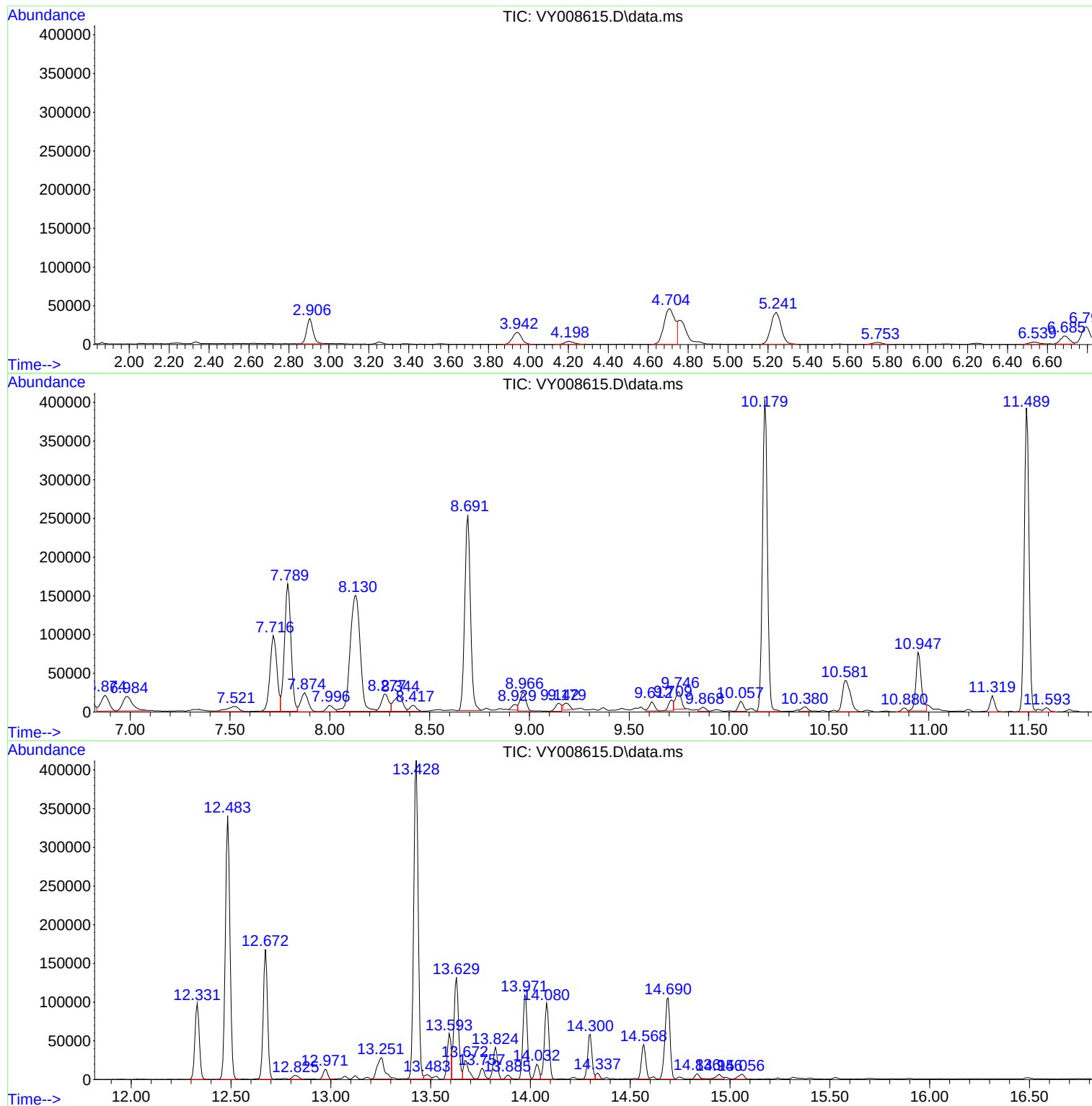
Sum of corrected areas: 7308795

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008615.D
Acq On : 04 May 2022 16:23
Operator : KP/MD
Sample : N2619-08
Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB04-14-15-FT

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008615.D
Acq On : 04 May 2022 16:23
Operator : KP/MD
Sample : N2619-08
Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB04-14-15-FT

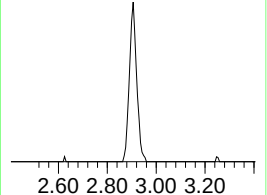
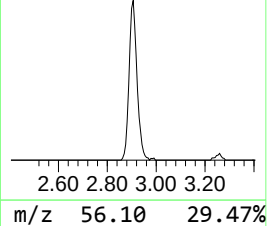
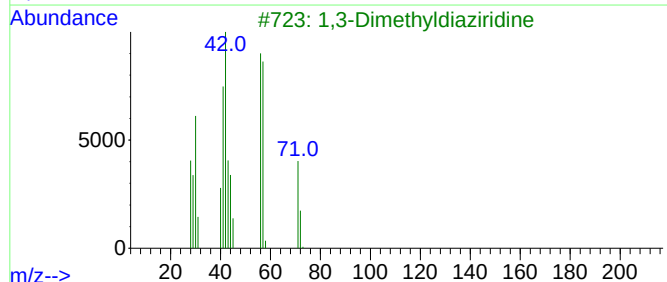
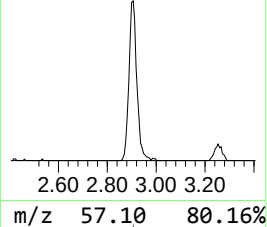
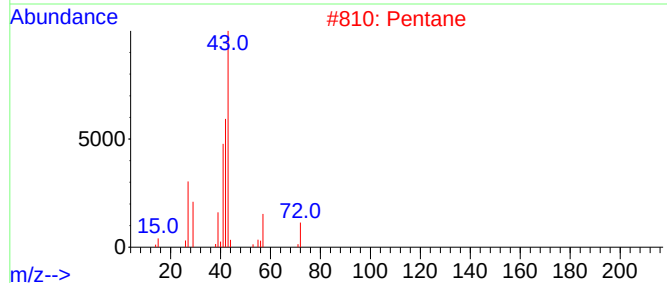
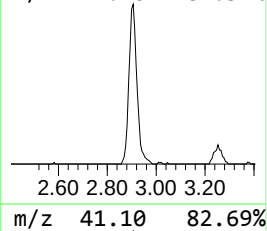
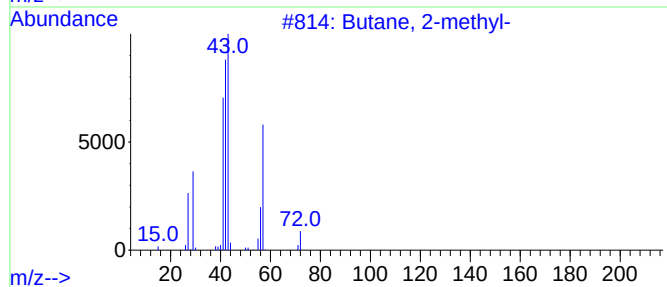
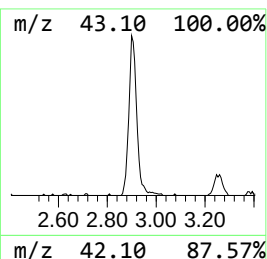
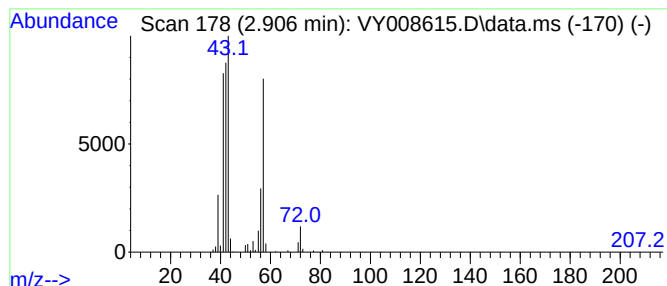
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.906	9.76 ug/l	72253	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	87
2			Pentane	72	C5H12	000109-66-0	40
3			1,3-Dimethyldiaziridine	72	C3H8N2	026177-36-6	36
4			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	17
5			1-Propene, 2-methyl-	56	C4H8	000115-11-7	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008615.D
Acq On : 04 May 2022 16:23
Operator : KP/MD
Sample : N2619-08
Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB04-14-15-FT

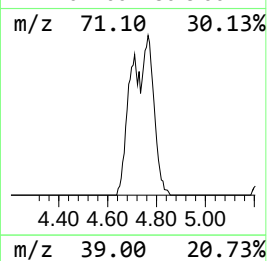
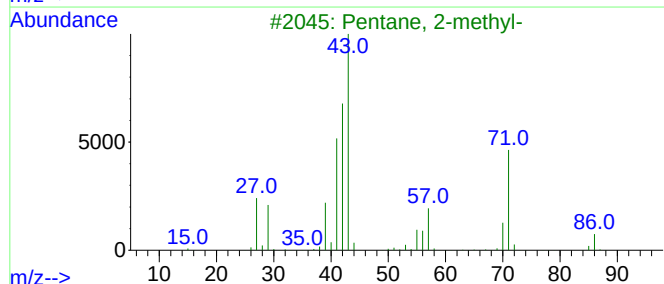
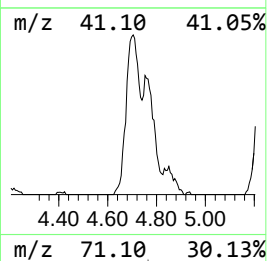
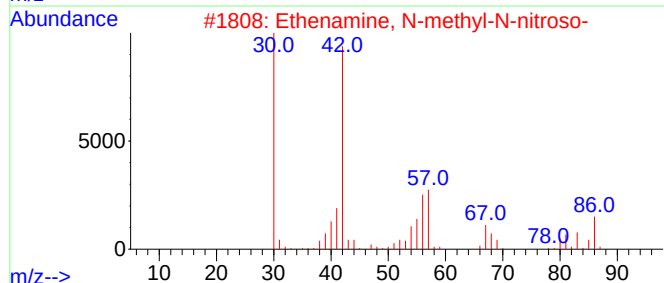
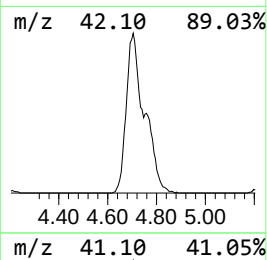
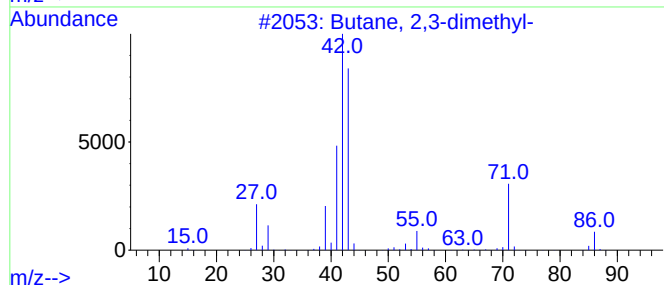
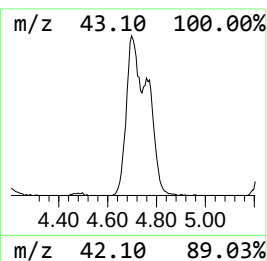
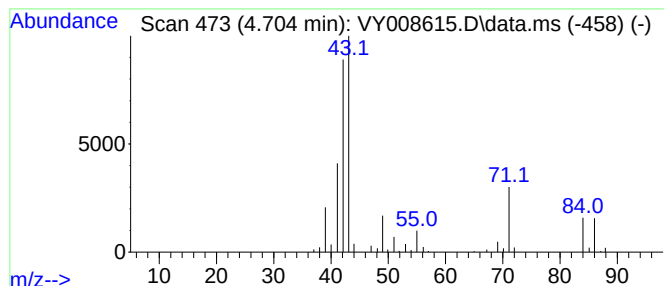
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.704	24.81 ug/l	183619	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	81
2			Ethenamine, N-methyl-N-nitroso-	86	C3H6N2O	004549-40-0	47
3			Pentane, 2-methyl-	86	C6H14	000107-83-5	36
4			Tetrahydrofuran	72	C4H8O	000109-99-9	33
5			Pentane	72	C5H12	000109-66-0	28



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008615.D
Acq On : 04 May 2022 16:23
Operator : KP/MD
Sample : N2619-08
Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB04-14-15-FT

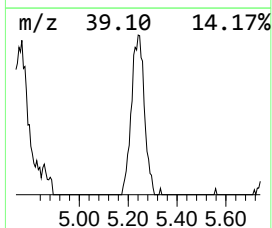
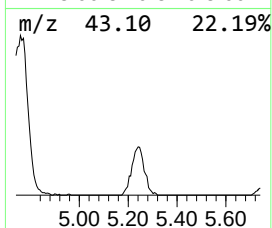
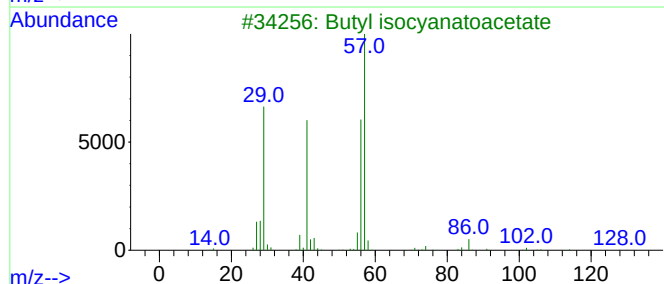
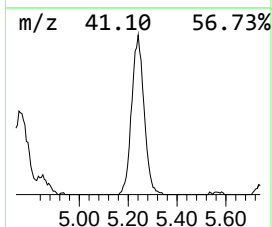
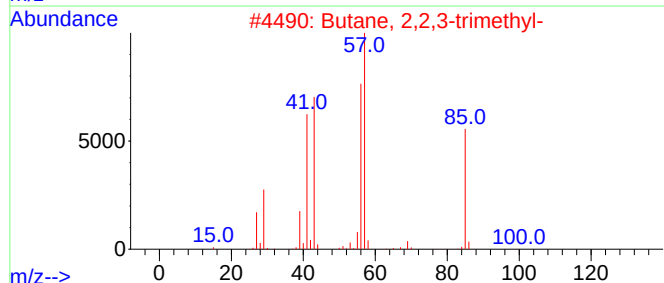
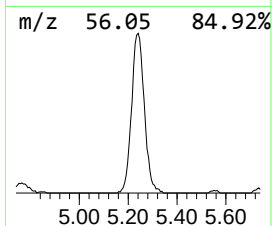
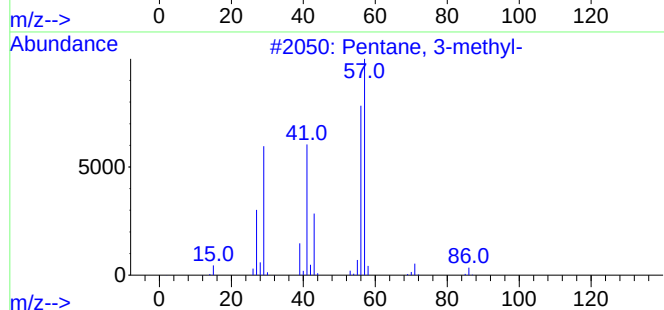
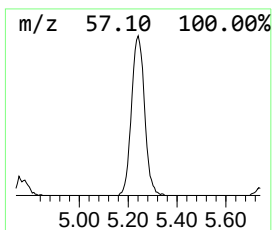
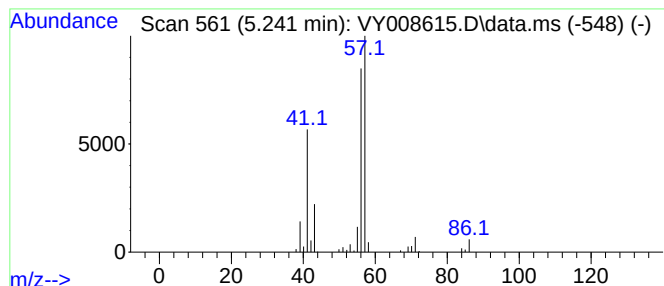
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.241	20.08 ug/l	148635	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	83
3			Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	78
4			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5			Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008615.D
Acq On : 04 May 2022 16:23
Operator : KP/MD
Sample : N2619-08
Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB04-14-15-FT

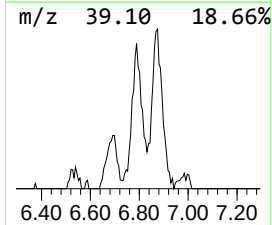
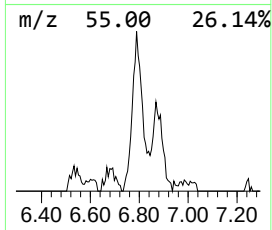
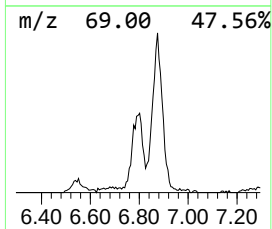
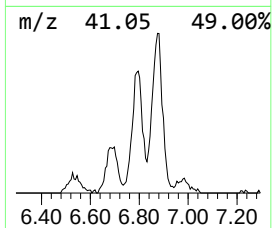
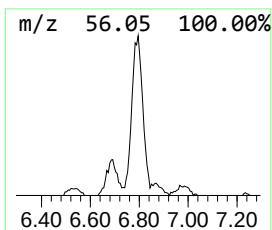
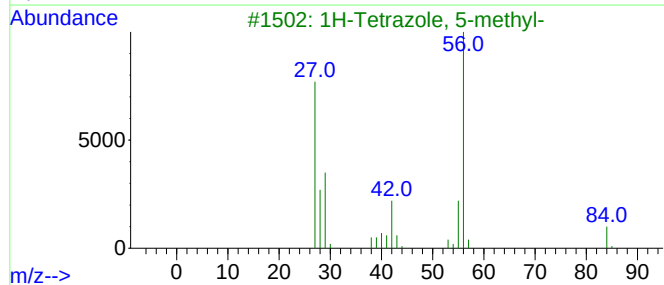
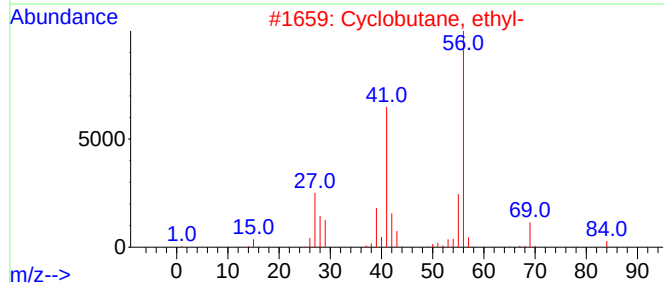
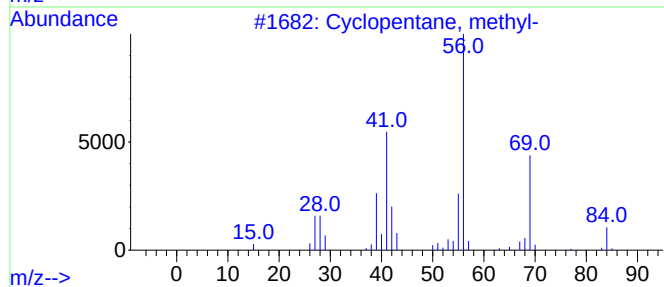
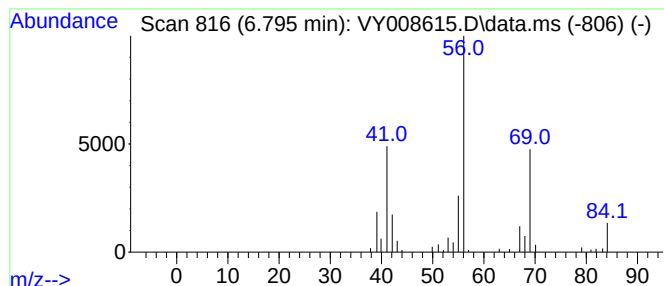
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclopentane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.795	9.04 ug/l	66943	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2			Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
4			1-Pentanol, 3-methyl-	102	C6H14O	000589-35-5	50
5			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008615.D
Acq On : 04 May 2022 16:23
Operator : KP/MD
Sample : N2619-08
Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB04-14-15-FT

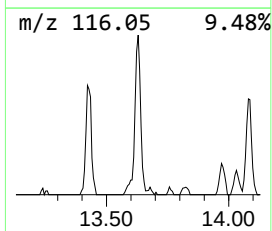
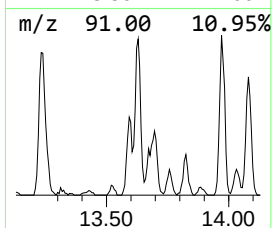
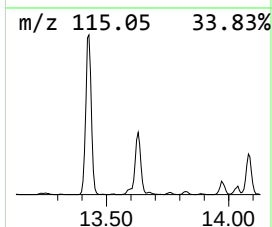
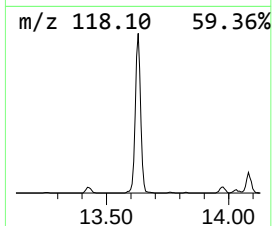
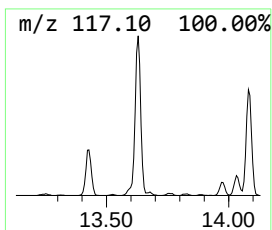
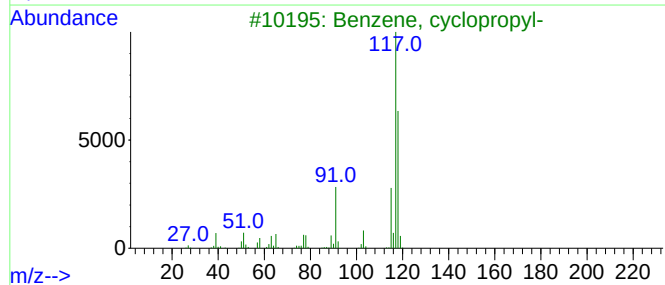
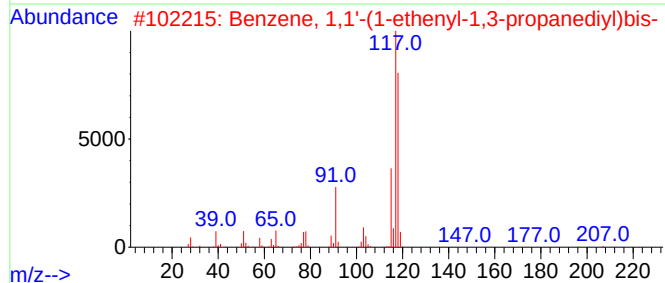
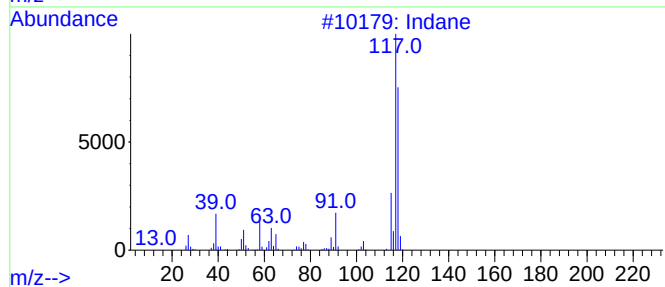
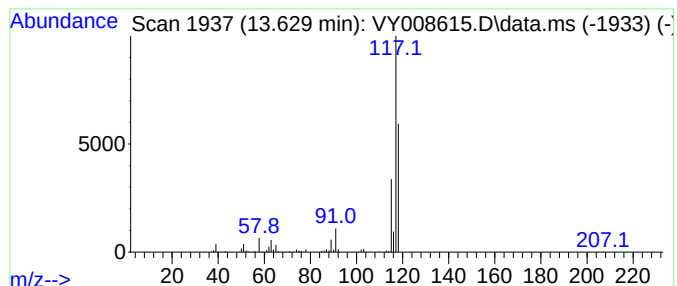
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	16.44 ug/l	211054	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	83
2			Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	83
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
5			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008615.D
Acq On : 04 May 2022 16:23
Operator : KP/MD
Sample : N2619-08
Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB04-14-15-FT

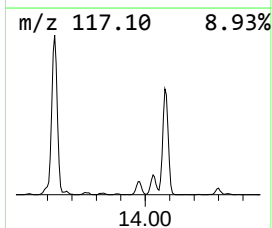
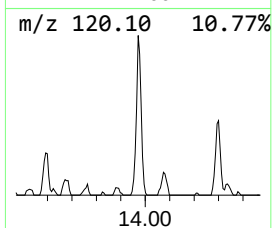
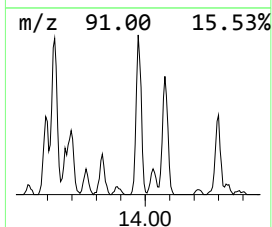
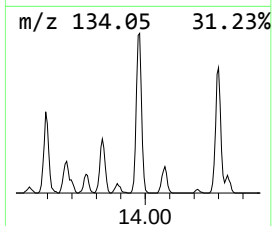
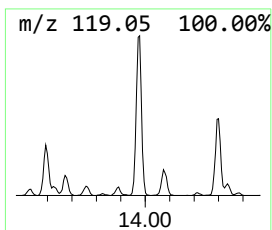
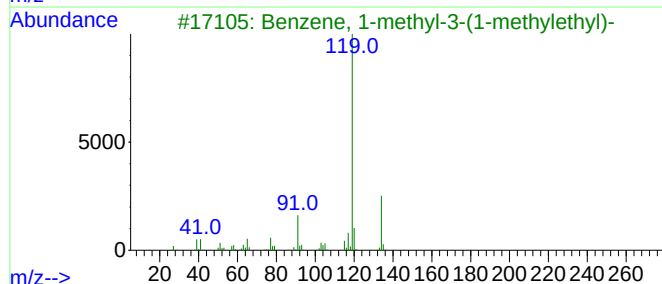
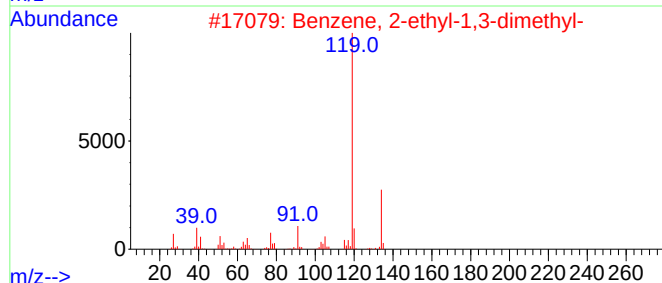
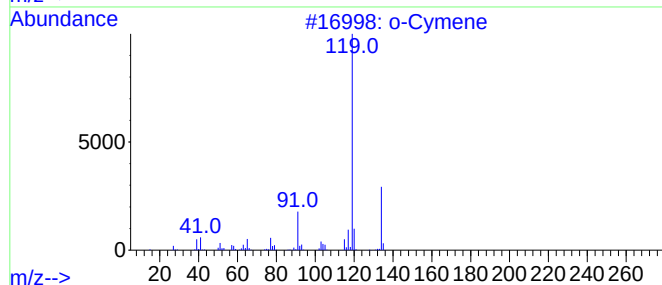
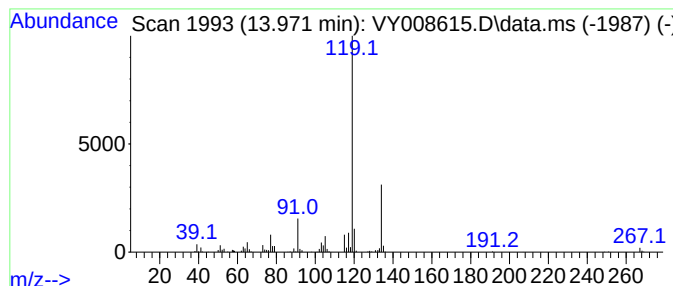
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	12.87 ug/l	165225	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	97
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
4			p-Cymene	134	C10H14	000099-87-6	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008615.D
Acq On : 04 May 2022 16:23
Operator : KP/MD
Sample : N2619-08
Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB04-14-15-FT

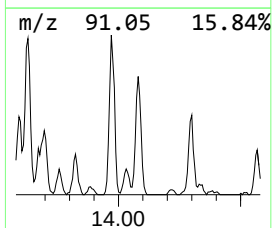
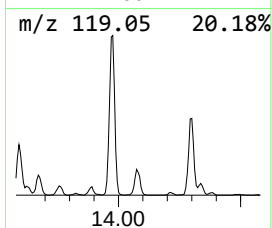
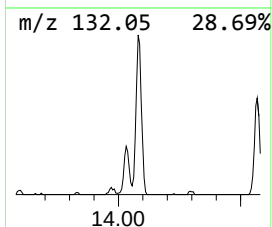
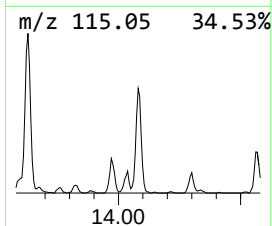
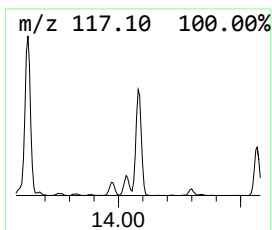
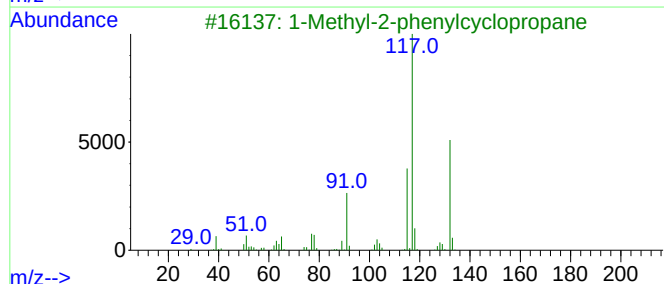
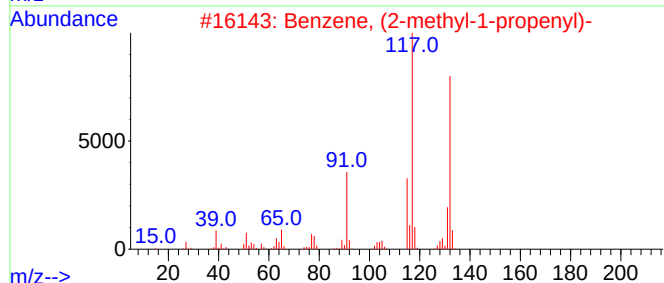
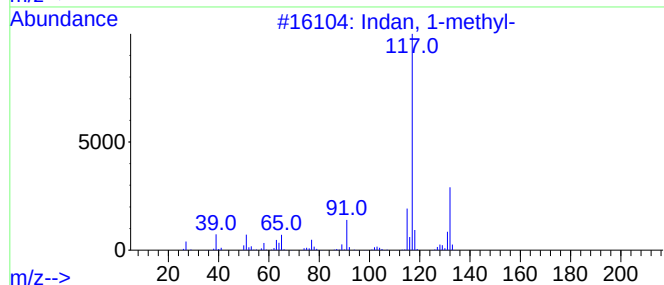
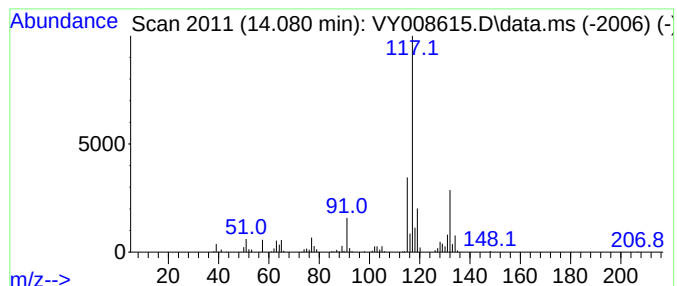
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	11.93 ug/l	153157	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	94
2			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
3			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	76
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008615.D
Acq On : 04 May 2022 16:23
Operator : KP/MD
Sample : N2619-08
Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB04-14-15-FT

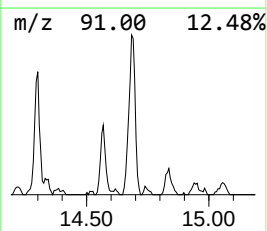
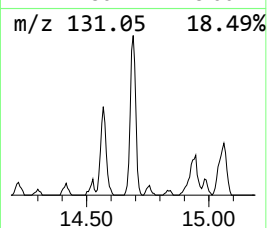
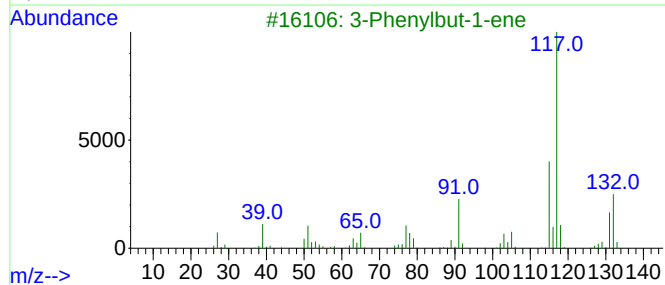
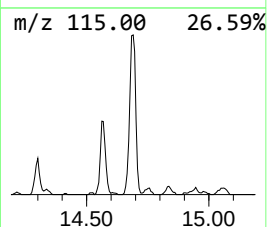
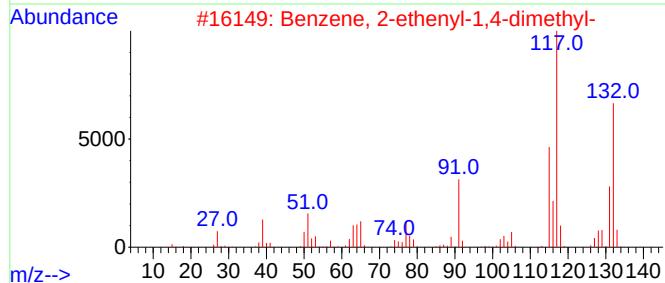
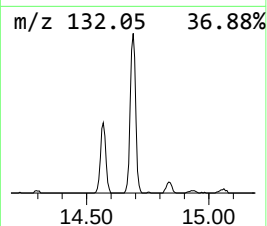
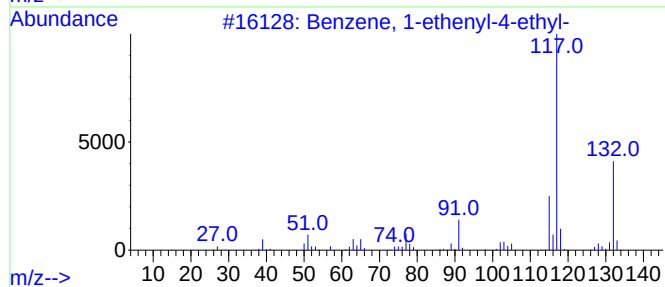
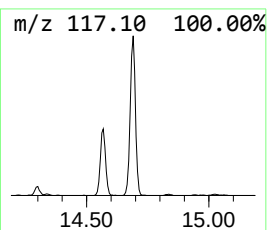
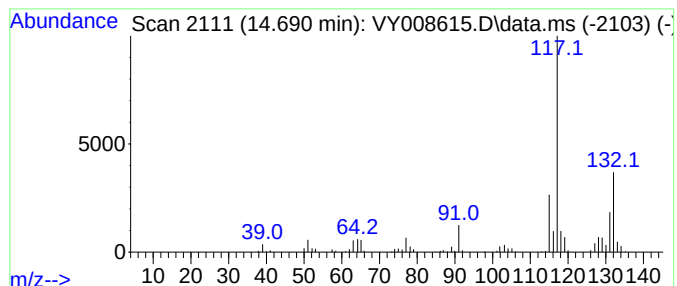
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.690	14.39 ug/l	184700	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4			Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
5			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008615.D
Acq On : 04 May 2022 16:23
Operator : KP/MD
Sample : N2619-08
Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB04-14-15-FT

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methyl-	2.906	9.8	ug/l	72253	1	7.789	370096	50.0
Butane, 2,3-dim...	4.704	24.8	ug/l	183619	1	7.789	370096	50.0
Pentane, 3-methyl-	5.241	20.1	ug/l	148635	1	7.789	370096	50.0
Cyclopentane, m...	6.795	9.0	ug/l	66943	1	7.789	370096	50.0
Indane	13.629	16.4	ug/l	211054	4	13.428	641827	50.0
o-Cymene	13.971	12.9	ug/l	165225	4	13.428	641827	50.0
Indan, 1-methyl-	14.081	11.9	ug/l	153157	4	13.428	641827	50.0
Benzene, 1-ethe...	14.690	14.4	ug/l	184700	4	13.428	641827	50.0