

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021984.D
 Acq On : 23 Apr 2025 20:08
 Operator : SY/MD
 Sample : Q1855-01
 Misc : 5.72g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2001

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\82Y042225S.M
 Title : SW846 8260

Signal : TIC: VY021984.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.824	12	17	25	rVB3	15917	23914	3.27%	0.411%
2	2.172	67	74	82	rBV2	25159	55288	7.57%	0.950%
3	2.830	179	182	188	rBV8	3439	7455	1.02%	0.128%
4	3.007	209	211	221	rVB5	5643	15770	2.16%	0.271%
5	5.640	629	643	656	rBV	66591	215273	29.46%	3.700%
6	7.634	960	970	976	rBV2	114868	279997	38.32%	4.813%
7	7.707	976	982	992	rVB	193907	438964	60.07%	7.545%
8	8.067	1029	1041	1053	rBV3	108428	291607	39.91%	5.012%
9	8.609	1119	1130	1144	rBV	275268	557401	76.28%	9.581%
10	9.103	1206	1211	1218	rVB6	4697	9074	1.24%	0.156%
11	10.103	1368	1375	1381	rBV	421323	730717	100.00%	12.560%
12	10.170	1381	1386	1394	rVB	107631	187033	25.60%	3.215%
13	11.414	1583	1590	1602	rBV	350253	578939	79.23%	9.951%
14	11.517	1602	1607	1617	rVB	17417	29786	4.08%	0.512%
15	11.627	1617	1625	1636	rBV	67446	126587	17.32%	2.176%
16	11.956	1672	1679	1690	rVB3	40202	76643	10.49%	1.317%
17	12.408	1744	1753	1763	rBV	229515	369349	50.55%	6.348%
18	12.657	1789	1794	1797	rBV2	18187	28403	3.89%	0.488%
19	12.694	1797	1800	1802	rVV2	8804	12790	1.75%	0.220%
20	12.731	1802	1806	1812	rVB3	22438	36372	4.98%	0.625%
21	12.895	1826	1833	1838	rBV3	9437	17545	2.40%	0.302%
22	13.042	1850	1857	1862	rBV	46368	72532	9.93%	1.247%
23	13.090	1862	1865	1870	rVB3	6819	9054	1.24%	0.156%
24	13.346	1900	1907	1916	rBV	280967	473700	64.83%	8.142%
25	13.548	1936	1940	1943	rBV2	9491	12941	1.77%	0.222%
26	13.584	1943	1946	1954	rVB5	7538	12301	1.68%	0.211%
27	13.676	1954	1961	1964	rBV5	6575	10272	1.41%	0.177%
28	13.724	1964	1969	1976	rVV	38735	63202	8.65%	1.086%
29	13.791	1976	1980	1985	rVV6	6282	14048	1.92%	0.241%
30	13.889	1991	1996	2002	rVB2	11235	17657	2.42%	0.303%
31	13.999	2009	2014	2017	rBV5	6012	7974	1.09%	0.137%
32	14.127	2029	2035	2037	rBV6	5283	8927	1.22%	0.153%
33	14.163	2037	2041	2045	rVB3	5591	10339	1.41%	0.178%
34	14.255	2052	2056	2060	rVB	7798	11436	1.57%	0.197%
35	14.529	2097	2101	2105	rVB5	6363	8281	1.13%	0.142%
36	14.590	2105	2111	2117	rBV4	14078	31010	4.24%	0.533%

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37	14.669	2118	2124	2129	rVB6	6353	11532	1.58%	0.198%
38	14.749	2131	2137	2141	rBV5	9957	14928	2.04%	0.257%
39	14.858	2149	2155	2158	rBV7	4034	8242	1.13%	0.142%
40	14.968	2167	2173	2178	rVB6	3799	8213	1.12%	0.141%
41	15.145	2191	2202	2208	rBV	441437	704685	96.44%	12.112%
42	15.242	2214	2218	2224	rVB2	10513	18416	2.52%	0.317%
43	15.340	2231	2234	2239	rVB3	4606	7605	1.04%	0.131%
44	15.584	2268	2274	2278	rBV7	5742	11980	1.64%	0.206%
45	16.181	2364	2372	2379	rBV	49012	97893	13.40%	1.683%
46	16.370	2394	2403	2411	rBV	40102	81822	11.20%	1.406%

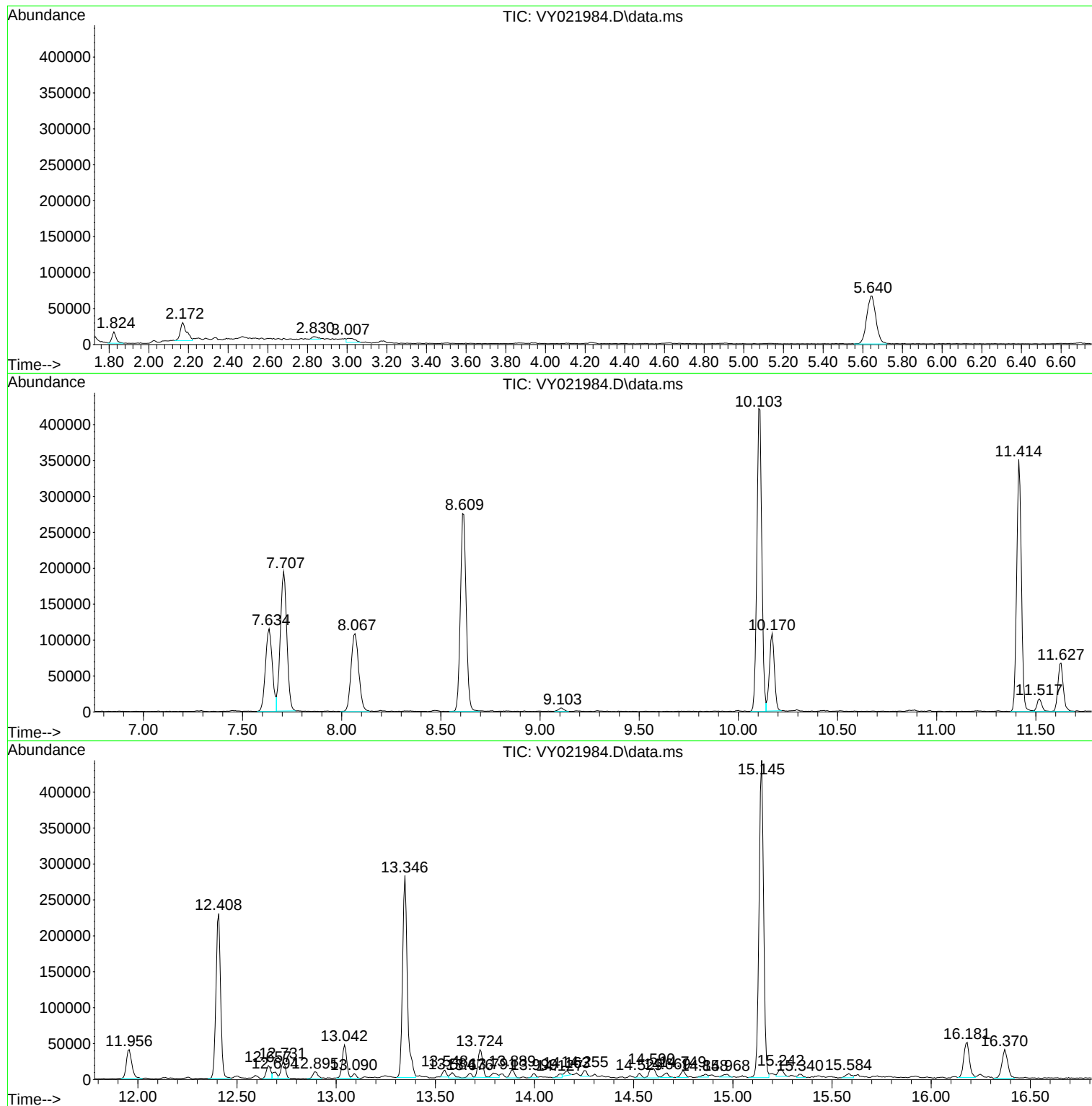
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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



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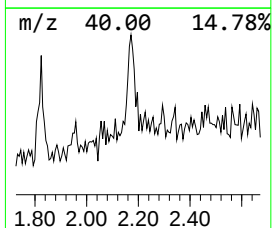
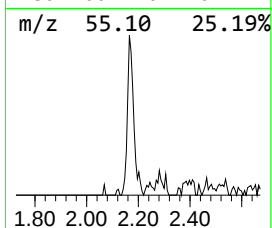
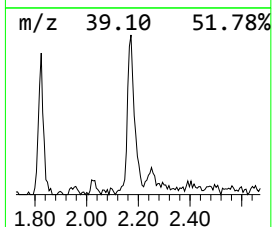
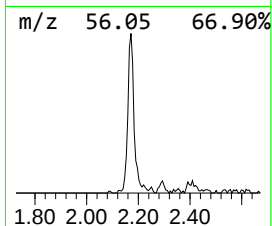
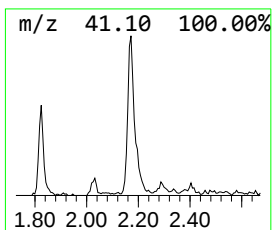
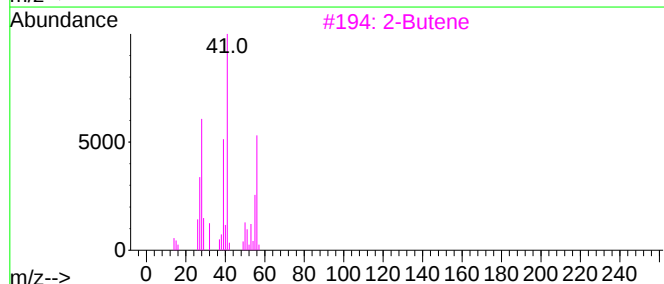
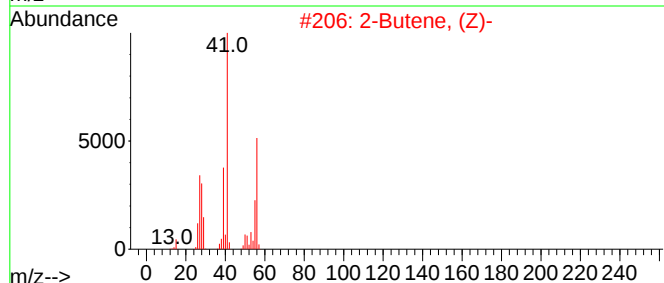
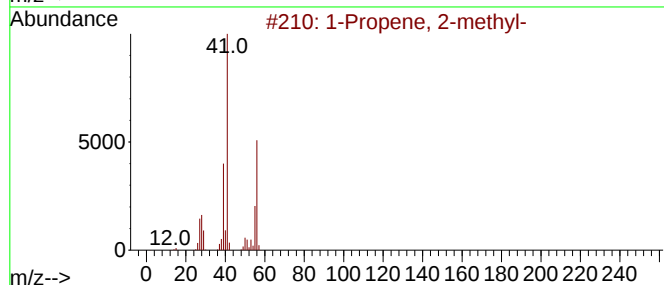
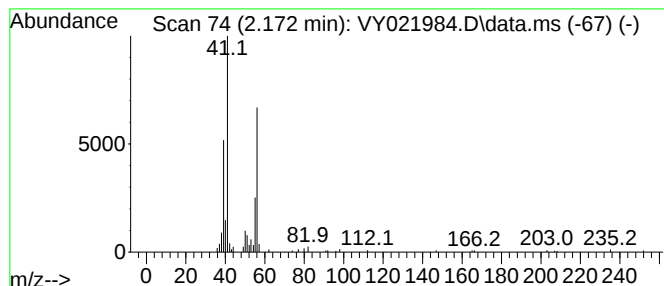
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 1 1-Propene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.172	6.30 ug/l	55288	Pentafluorobenzene	7.707

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-			56	C4H8	000115-11-7	83
2	2-Butene, (Z)-			56	C4H8	000590-18-1	80
3	2-Butene			56	C4H8	000107-01-7	72
4	1-Butene			56	C4H8	000106-98-9	58
5	2-Butene, (E)-			56	C4H8	000624-64-6	46



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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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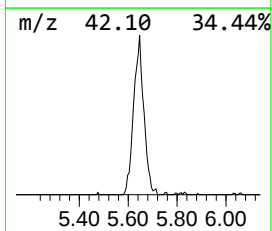
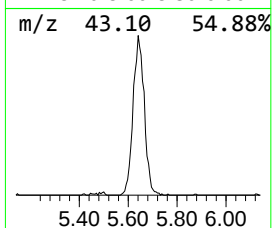
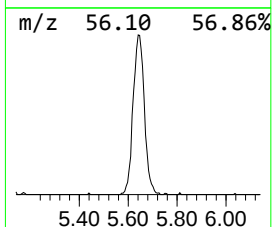
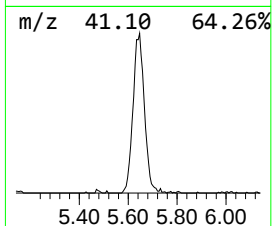
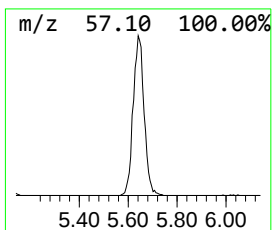
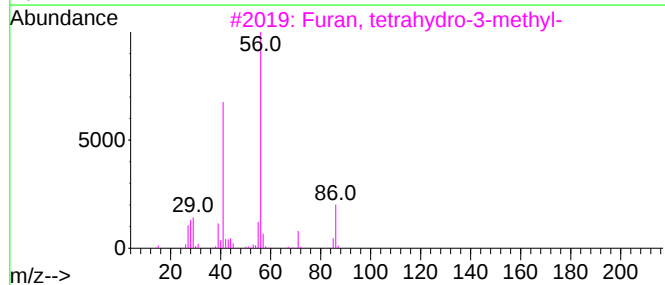
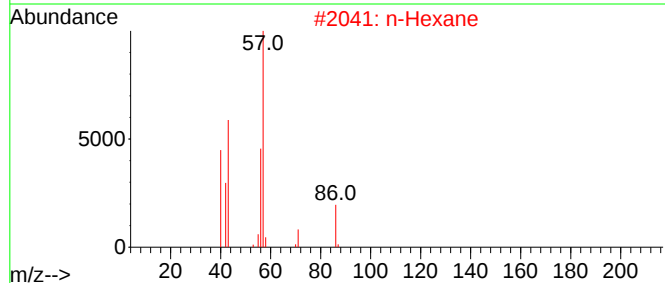
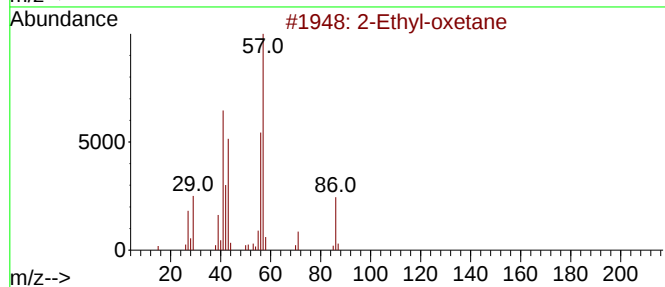
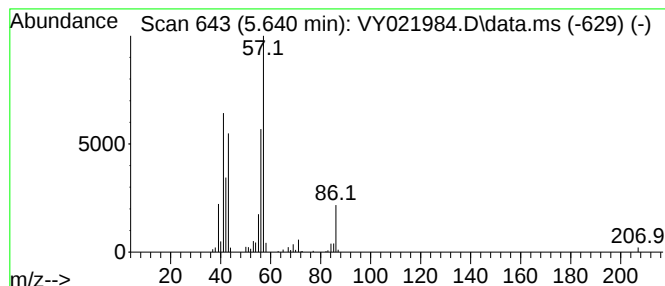
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 2 2-Ethyl-oxetane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.640	24.52 ug/l	215273	Pentafluorobenzene	7.707

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
2			n-Hexane	86	C6H14	0001110-54-3	64
3			Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	47
4			Nonane, 2,2,3-trimethyl-	170	C12H26	055499-04-2	38
5			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	38



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Misc : 5.72g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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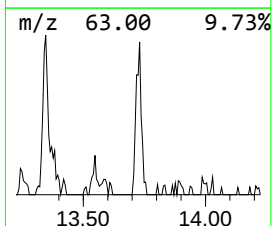
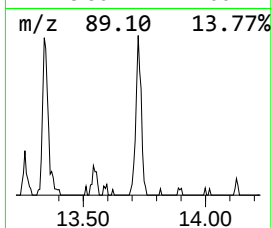
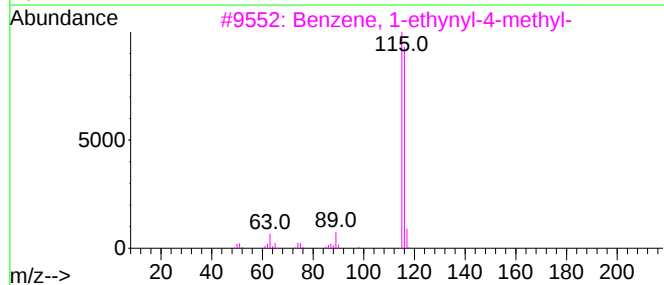
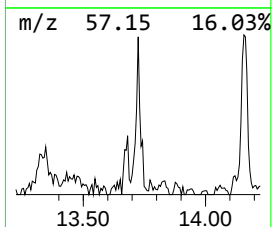
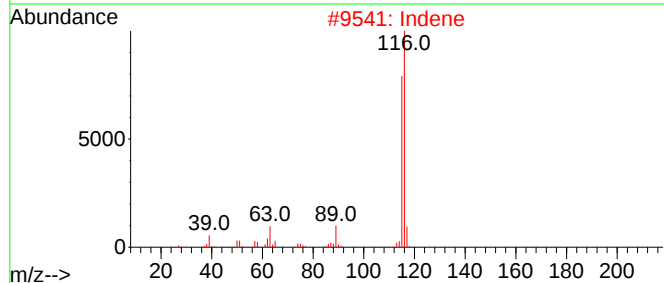
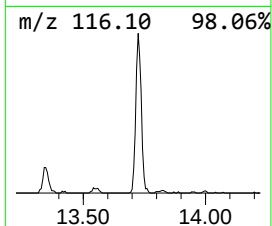
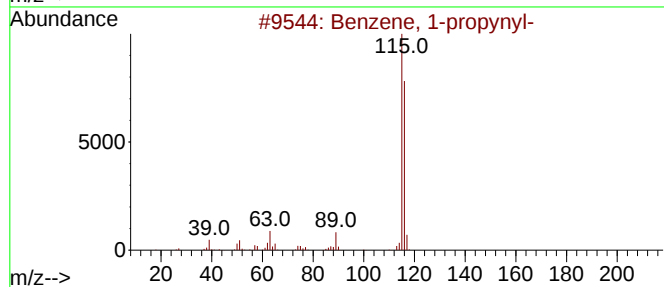
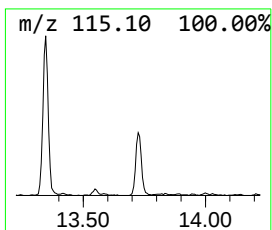
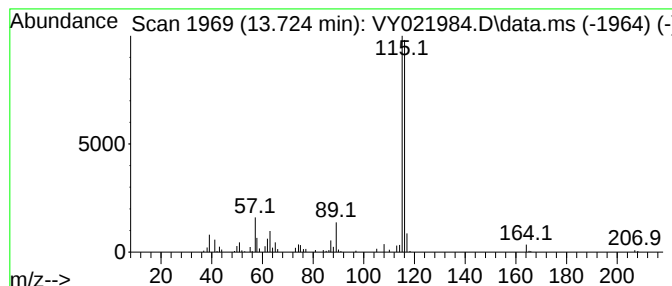
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-propynyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.724	6.67 ug/l	63202	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
2			Indene	116	C9H8	000095-13-6	90
3			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87
4			3-Methylphenylacetylene	116	C9H8	000766-82-5	87
5			Benzene, (2,2-dibromocyclopropyl)-	274	C9H8Br2	003234-51-3	78



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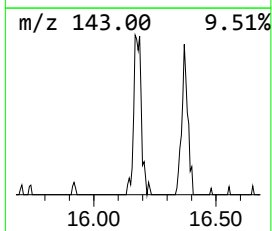
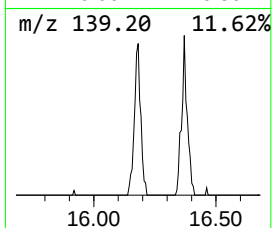
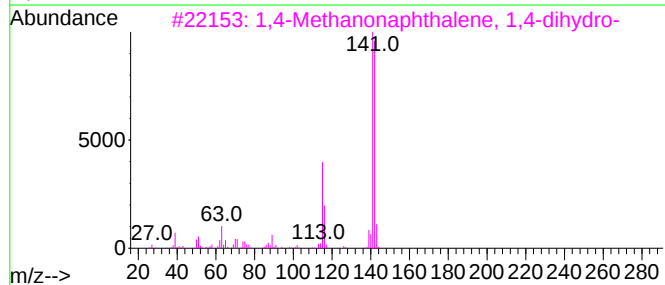
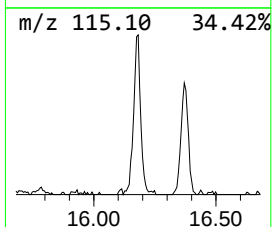
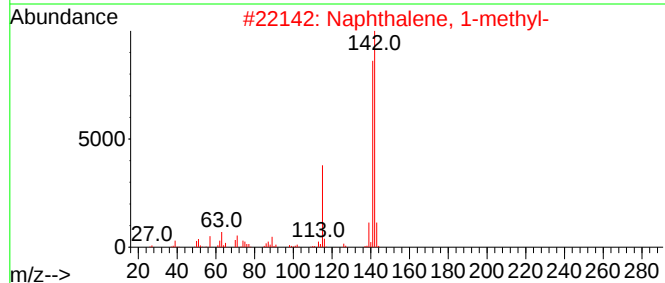
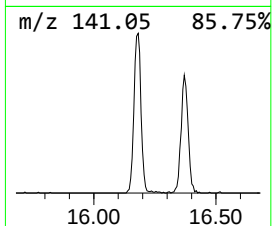
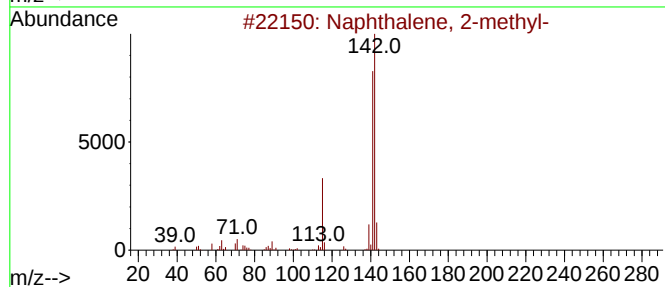
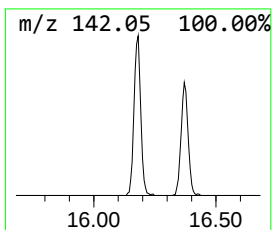
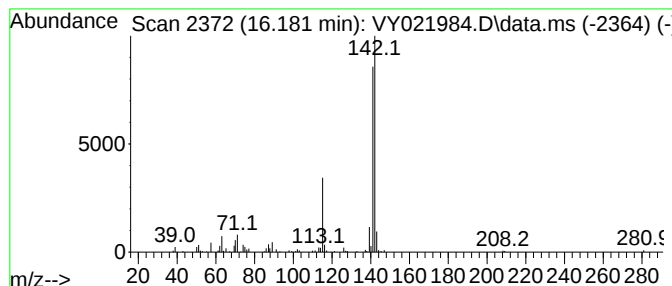
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.181	10.33 ug/l	97893	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4			Benzocycloheptatriene	142	C11H10	000264-09-5	87
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



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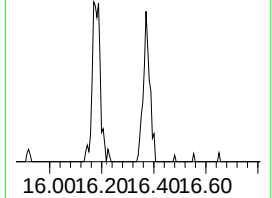
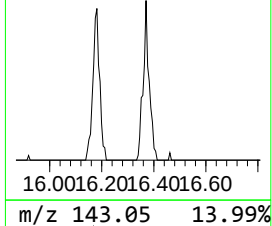
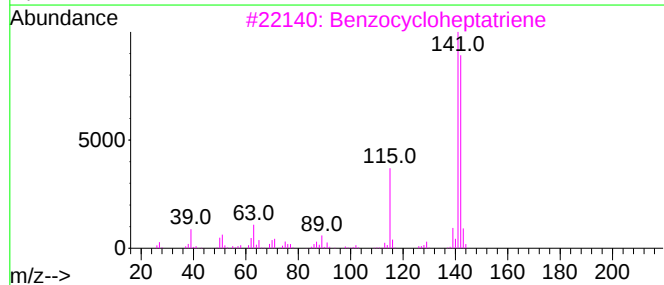
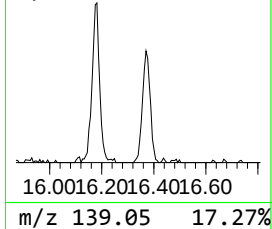
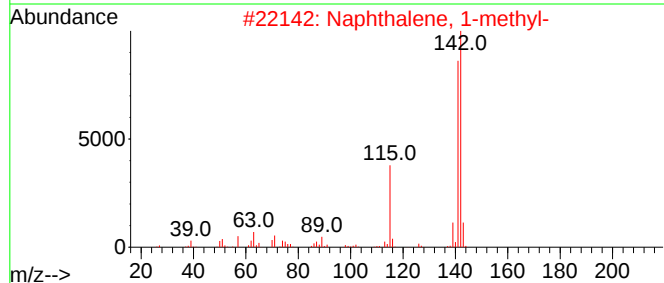
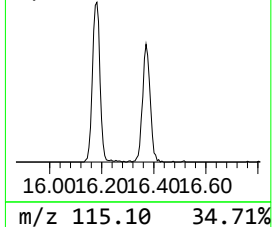
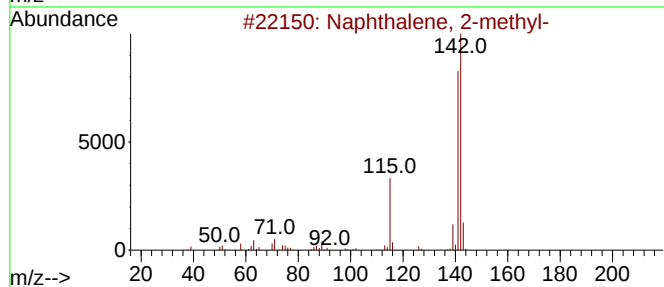
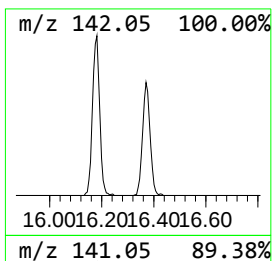
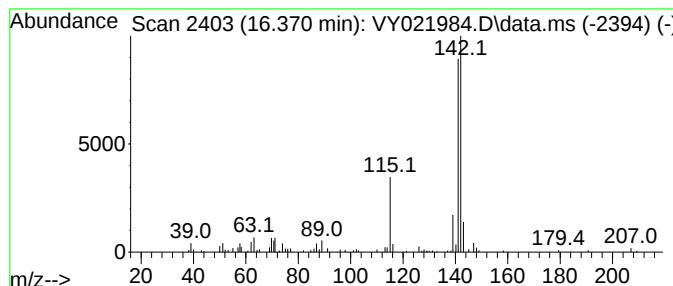
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.370	8.64 ug/l	81822	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5			1-Naphthaleneacetamide	185	C12H11NO	000086-86-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021984.D
Acq On : 23 Apr 2025 20:08
Operator : SY/MD
Sample : Q1855-01
Misc : 5.72g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
2001

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Propene, 2-me...	2.172	6.3	ug/l	55288	1	7.707	438964	50.0
2-Ethyl-oxetane	5.640	24.5	ug/l	215273	1	7.707	438964	50.0
Benzene, 1-prop...	13.724	6.7	ug/l	63202	4	13.346	473700	50.0
Naphthalene, 2-...	16.181	10.3	ug/l	97893	4	13.346	473700	50.0
Naphthalene, 1-...	16.370	8.6	ug/l	81822	4	13.346	473700	50.0